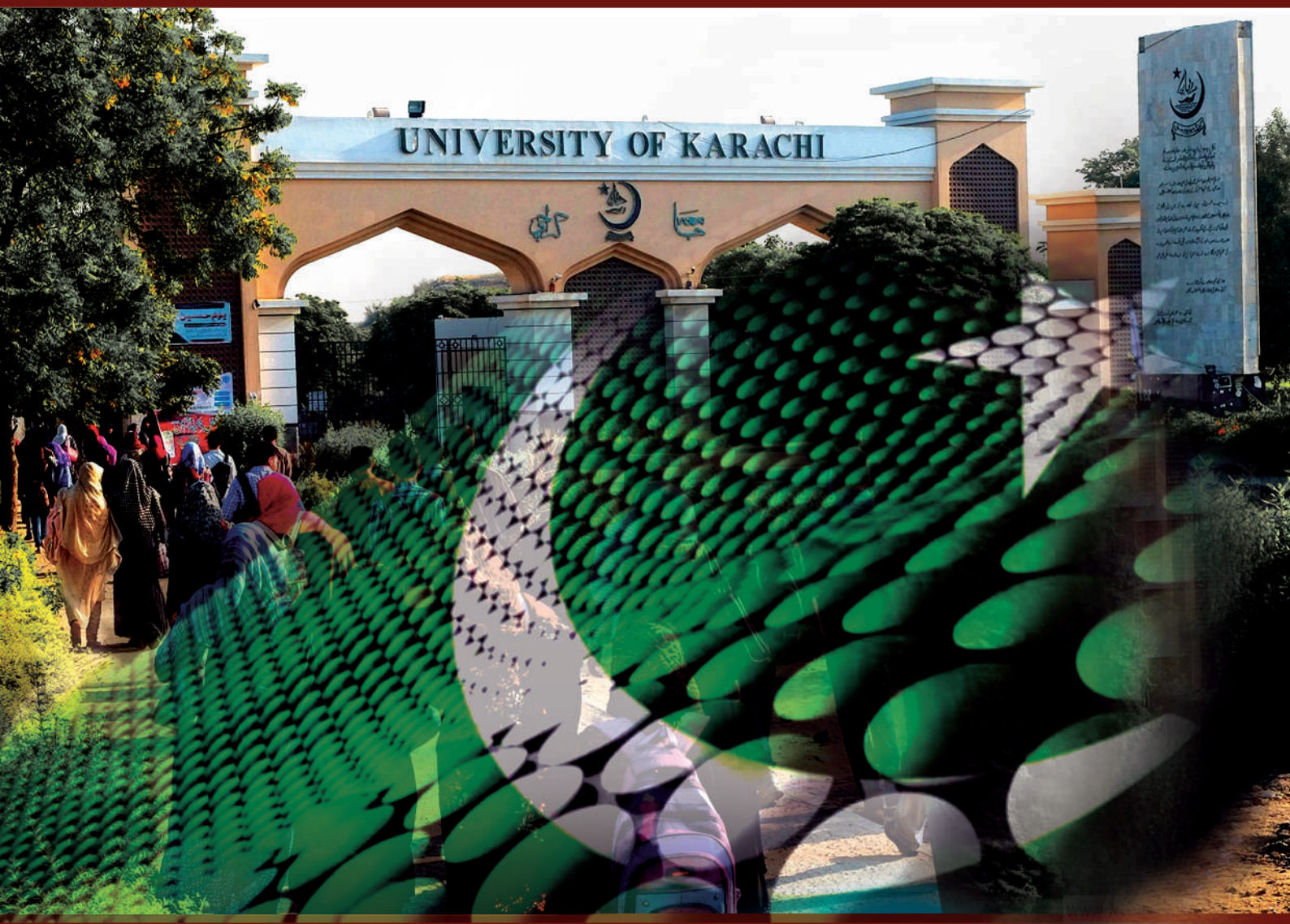




# UNIVERSITY OF KARACHI



# PROSPECTUS 2018

[www.uokadmission.edu.pk](http://www.uokadmission.edu.pk)

[www.uok.edu.pk](http://www.uok.edu.pk)

## **Our Vision**

**To become a world recognized university accessible to all sections of society and a representative of the best of human values and intellectual endeavor in all academic disciplines, contributing to the success and prosperity of the nation.**

## **Our Mission**

**The University aims to be a prominent international seat of higher learning providing a vibrant academic environment and a focal point for creativity through research, mobilization of the community and quality education for humanity.**

# UNIVERSITY OFFICIALS

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Registrar	Dr. Munawwar Rasheed	2233	99261344
Director Admissions	Prof. Dr. Muhammad Ahmad Qadri	2260	99261362
Director Evening Program	Prof. Dr. Abid Hasnain	2339	99261574

## DEANS OF FACULTIES

Faculty of Arts & Social Sciences	Prof. Dr. Muhammad Ahmed Qadri	2260	99261362
Faculty of Science	Prof. Dr. Tasneem Adam Ali	2255	99261077
Faculty of Education	Prof. Dr. Nasir Sulman	2366	99261158
Faculty of Islamic Studies	Prof. Dr. Muhammad Ahmad Qadri	2394	99261655
Faculty of Law	Justice (Rtd) Dr. Ghous Muhammad	2464	32046762
Faculty of Management & Administrative Sciences	Prof. Dr. Tahir Ali	2587	99261025
Faculty of Medicine	Prof. Dr. Nargis Anjum		99260304
Faculty of Pharmacy & Pharmaceutical Sciences	Prof. Dr. Iqbal Azhar	2259	99261367
Faculty of Engineering	Prof. Dr. Tasneem Adam Ali	2255	99261077



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# *University of Karachi*

## ***MESSAGE***



We are on the threshold of a new academic year, a fresh beginning with new opportunities and challenges. Modern world has ushered a new era of knowledge, which directly or indirectly impacts human life. I find it immensely commendable that this premier institution of higher education is dexterously and ardently disseminating technology and advancement through its courses, as per the requirements of the contemporary era with significant progress in all avenues, be it research, academics or infrastructural development.

Students and teachers must always bear in mind that knowledge and cognition is the sole path that culminates towards the vast horizons of leadership and assists individuals in the revelation of the intricate truths of our world. Moreover, research based higher education also contributes to the success of, not only an individual, but also of the entire nation.

The joint academic and research –based projects of the University of Karachi, with the Universities of developed countries is a big leap forward to nurture unprecedented opportunities for the University's faculty, students and researchers, enabling them to assimilate the latest research techniques and prepare appropriate projects for this metropolis and for the rest of the country.

The University of Karachi has modernized its courses and syllabi to combat the contemporary challenges and efficaciously resolved the prevalent problems. The University's highly qualified faculty, concomitant with its enhanced facilities, serve as an allure for perspicacious students who, after obtaining their degrees from this institution, proudly stand at par with international standards.

I wish all of you best luck and a highly auspicious professional career.

**Mohammad Zubair**  
Governor of Sindh  
Chancellor, University of Karachi



# *University of Karachi*

**Prof. Dr. M. Ajmal Khan** *p.p., s.i.*

Vice Chancellor

## ***MESSAGE***

The University of Karachi since its inception in 1951 has been contributing in providing quality education to the undergraduate and graduate students besides generating new knowledge through its post

graduate students and faculty which are relevant to national and international needs. We have about 54 departments and 17 institutes providing a breath of knowledge in most of the contemporary fields ranging from philosophy, environmental science to law. We have grown from few thousand students to 36,000 students to date and our state of the art facilities are available to provide high quality education and to create cutting edge knowledge relevant to the need of society.

It gives me a great pleasure to welcome you to great tradition and culture of the University of Karachi. You are going to be part of the family which is spread worldwide and are contributing to the uplift of their Alma Mater. We hope to inspire and train you to the newer heights in knowledge so that you may optimally contribute to the uplift the downtrodden masses and take society from existing primitive state to a cyber level. I hope that after your education you will be able to generate ideas that may change Pakistan and the world.

We are looking forward to interacting with the community and the society so that we can determine our priority linked with the objective conditions and help government, businesses and other aspect of social society to achieve excellence.

Looking forward to welcoming you in the University of Karachi.



**Prof. Dr. M. Ajmal Khan** *p.p., s.i.*

Vice Chancellor



# *Directorate of Admissions*

## *University of Karachi*

**Prof. Dr. M. Ahmed Qadri**  
Director Admissions



### ***MESSAGE***

Welcome to the University of Karachi, where excellence is nurtured, pursued and celebrated as we work to create a positive change for a better world. The University has digitalized its entire admission process in order to facilitate students seeking admission to our esteemed institution. Due to computerization and modernization, our University is now globally connected and the information regarding admission criteria, and subsequent admission process, can now be fully accessed and completed by all applicants with ease. The applicants will now be able to submit their applications and fees online without visiting the University.

Outstanding students, staff and alumni, cross-sectoral partners, and research based teaching have all combined to place the University of Karachi in the top echelons of the world's universities. The confluence of teaching and research creates a distinctive learning environment for our students.

The University offers rigorous and vibrant undergraduate, graduate and postgraduate degree programs in the Faculties of Education, Islamic Studies, Law, Management & Administrative Sciences, Medicine, Pharmacy, Science, and Arts & Social Sciences. The teaching and research programs are supervised by our renowned scholars. The University of Karachi also offers graduate and post-graduate students' laboratories, a vast and rich and diverse library of printed books as well as a digital library, moreover video-conferencing facilities in a multi-disciplinary environment are also available.

All these quintessential components outstanding teaching, scholarships, support programs with flexibility and choice in programs, co-curricular and extra-curricular benefits combine to create a transformational and productive academic experience. Therefore, our students are the emerging leaders who will help shape tomorrow's world and create a positive change.

Generations of students, staff and alumni have built a positive image and reputation. I am confident that the students of the University of Karachi of today, and also tomorrow, will significantly enhance its name and reputation in the future.

**Prof. Dr. M. Ahmed Qadri**  
Director Admissions

## **INTRODUCTION:**

The University of Karachi (herein after referred to as the University) was established in 1951 by the Parliament through the "University of Karachi Act, 1950", as a Federal University, which was redefined later in 1962 as a University in the province of Sindh. Accordingly, with the passage of time it emerged as a prestigious national institution imparting quality education at the higher level.

The University was initially housed in a congested compound of a few buildings, situated at the old Princess Street near Civil Hospital, Karachi but that environment was not conducive for quality output of academic and research activities. Considering the needs, the authorities sanctioned new site at the Country Club road (now the University Road) with an expanded area of 1,279 (One thousand two hundred and seventy nine) acres of land.

The University, besides enjoying the status of imparting quality education and a thriving and challenging academic community today, is dedicated to the excellence at all levels of higher education and research. This premier institution has emerged as a dynamic place which keeps pace with academic advances and changes in the modern world.

A number of scientists and scholars are affiliated with the University, possessing significant positions both within and outside Pakistan. They have been acclaimed as active and dedicated members of all segments of society who are striving to bring positive changes and developments in the intellectual mindset of the people of Pakistan.

Considering the increasing number of applicants every year, the University initiated its Evening Program a few years ago at Bachelor and Master's Levels. An independent Directorate of Evening Program has been set up to oversee matters pertaining to admissions, academics and administration.

At present, the University offers Bachelor's and Master's Programs as well as M.S., M.Phil. and Doctorate together with diplomas and certificates programs in the faculties of Arts & Social Sciences, Education, Science, Pharmacy and Pharmaceutical Sciences, Islamic Studies, Management & Administrative Sciences, Engineering and Law.

Being an affiliating and examining institution, the University has granted affiliation to about 138 colleges and institutions. It conducts examinations of about 150,000 students studying in these colleges/ institutes and prepares their results and awards degrees.

The value of Academic excellence of the degrees awarded by the University is acclaimed throughout the world. This is evident from the inclusion of this institution in the list of top universities of the world, for the fourth consecutive year. The ranking is carried out annually by the world's most prominent ranking agencies, Times Higher Education and Quacquarelli Symonds (QS) UK.



To further strengthen the standards of education and research, the University has established a Quality Enhancement Cell (QEC) in the main administration block of the University. The main objective of the Cell is to introduce self-assessment program in all disciplines offered at the University.

### **ADMISSIONS :**

Admissions, this year, are offered to the following degree programs simultaneously:

- B.S./B.B.A. (four years),
- B.Sc./B.A., (Honors three years),
- B.A./LL.B. (Five years)
- Masters (two years),
- M.B.A. (3½ years) and
- B.L.I.S. (one Year).

The list of alumni of the University contains renowned names such as Dr. Abdul Qadeer Khan and Prof. Dr. Atta-ur-Rehman etc. This fact makes the University feel proud that these eminent figures are known for their services rendered to the promotion of higher learning and research.

Reputed to be a research oriented institution, the University offers courses which have futuristic vision in all disciplines. This academic stance makes it easier for students to find a rightful place in the competitive job market at national and international levels.

The University is well-known for its diversified teaching and research programs. It is currently imparting quality education with modern teaching and research facilities and techniques in the following disciplines:

- Faculty of Arts and Social Sciences
- Faculty of Education
- Faculty of Science
- Faculty of Islamic Studies
- Faculty of Law
- Faculty of Pharmacy & Pharmaceutical Sciences
- Faculty of Engineering
- Faculty of Management & Administrative Sciences
- Faculty of Medicine

### **ADMISSION POLICY :**

Admissions are granted in Bachelor's and Master's Programs at the University of Karachi, in the categories of K, S and P, as per approval of the Academic Council. These admissions are granted purely on merit however, certain seats are reserved for the candidates from Province of Sindh (other than Karachi),

Balochistan, FATA, Azad Jammu & Kashmir and Northern Areas, Children of Armed Forces personnel, dependents of the University employees (spouse and Children), International students, Self-financed students, Special persons, Sports persons. Merit is the only criterion for obtaining admissions on the reserved seats, as well.

**NOTE :**

1. Admissions on reserved seats for FATA, Northern Areas and Azad Jammu & Kashmir are granted only to the eligible candidates, who qualify on merit and have been nominated by the Kashmir Affairs, Northern Areas Division, Government of Pakistan, Islamabad.
2. Similarly, admissions on the reserved seats for children of Armed Forces Personnel are given only on the nominations from General Head Quarters of the Armed Forces of Pakistan.
3. The admission on special persons' reserved seats is granted only after the medical examination and verification from the Social Welfare Department, Government of Sindh and / or civil surgeon.
4. The admission on sport's seats is granted only after the verification of eligibility as per the predetermined standards, from the concerned authorities, as appropriate.

**ADMISSIONS ON OPEN MERIT SEATS :**

Since the number of applicants for the Bachelor's and Master's Programs is much higher than the number of seats available, the admissions have been categorized in three groups i.e. K. S. and P. Each category is defined as follows:

**CATEGORY "K" :**

Category "K" refers to those applicants who have passed their Secondary School Certificate (SSC or Matric), Higher Secondary Certificate (HSC or Intermediate) or equivalent, and graduation from the educational institutions, which are situated in Karachi and are also recognized by or affiliated with the University of Karachi.

Additional five percent (5%) of the seats, allocated for open merit, have been reserved for applicants who have completed their graduation from other degree awarding institutions, situated in Karachi and recognized by the University of Karachi.

**CATEGORY "S" :**

Category "S" refers to those applicants who have passed at least one of the certificates: SSC/Matric, HSC/Intermediate or Bachelor's degree examinations from a recognized educational institution in the Province of Sindh (excluding Karachi).

## **CATEGORY "P" :**

Category "P" refers to those applicants who have passed at least one of the certificates, SSC/Matric, HSC/Intermediate or Bachelor's degree examinations from a recognized educational institution outside the Province of Sindh but within Pakistan.

Preference in admissions is given to "K" category candidates. If applicants are fewer than the seats, or if they do not qualify the eligibility criteria, or if the seats are left vacant, then "S" category candidates are considered. If seats are still available then consideration is given to "P" category candidates.

As per the directives of the Academic Council, ninety (90) seats (for details please see Appendix-L, page-125) have been allocated for the students of the Province of Sindh (other than Karachi), besides "S" Category. However, such students should have the domicile of the Province of Sindh (other than Karachi) and they must have acquired the entire education from that area.

There are sixty (60) seats reserved for the deserving students from Balochistan (for details please see Appendix-L, page-125). However, the conditions applied to the students of Province of Sindh (other than Karachi) will also be applicable here.

Additional two (2%) of the total allocated seats in each department is apportioned for the dependents (sons, daughters and spouse) of the employees of University of Karachi, for the special persons and for sports persons. Similarly, seats are reserved for the self-financed candidates (details given in appendix-L page-125 Likewise, an additional three (3%) of the open merit seats are allocated for the applicants who passed their pre-requisite examination in the last five (5) years.

The applicants seeking admission in Master's program in any department of the University, having completed their two years of B.Sc. (Honors)/B.S. from University of Karachi with degree conversion are allocated an additional five percent (5%) of the open merit seats. In addition, those applicants who apply for a Master's program, having passed their three years' B.Sc. (Honors) program but have not completed their Masters before, have an additional five (5%) seats of the open merit allocation.

Note: Admissions in the Entry-Test-Based departments will be granted on merit after qualifying the Entry Test (minimum passing marks is 50%) irrespective of categories and reserved seats. However for Faculty of Education the minimum passing marks are forty percent (40%) for the current year.

Admissions on open merit in the University are given strictly as per the above mentioned criteria of categories.

## **CHANGE OF CATEGORY (FOR OPEN MERIT BASED DEPARTMENTS):**

Candidates who fulfill the following conditions can apply for change of category from S or P to K.

1. Those students whose parent (father or mother)/guardian has the domicile of Karachi but they have passed the pre-requisite examination from abroad that was conducted by any registered International Institution or any Pakistani Board or University, will have to produce the domicile certificate and copy of CNIC of their parent /guardian, showing their permanent address in Karachi.
2. Students whose parent / guardian are employed with Federal or Sindh Governments, Autonomous or Semi-autonomous bodies, Government Corporations, or Armed Forces, and who have been posted in or transferred to Karachi during the last three (03) years (for Bachelor's program) or five (05) years (for Master's program) will have to produce the appointment/deputation/transfer letter and joining letter of their Parents (father/mother) along with their application. Such candidates must have completed their further education from educational institutions located in Karachi after the date of transfer or posting of their parents.
3. Additional three percent (3%) seats in each department will be allocated for those candidates who have passed their pre-requisite examinations from a recognized educational institution located outside Karachi but they have their initial education including SSC/Matric and HSC/Intermediate from Karachi. Such candidates should have a CNIC and Permanent Residence Certificate (PRC) of Karachi and their parents should have the domicile and CNIC indicating their permanent address in Karachi. Candidates below the age of 18 years are required to submit scan copy of their 'B'-Form.
4. A candidate who comes under 'S' or 'P' category, but she/he has got married to a permanent resident of Karachi should submit a copy of the 'Nikah nama' along with the domicile and CNIC of his/her spouse showing his/her permanent address in Karachi.

## **APPLICATION FOR CHANGE OF CATEGORY: (FOR OPEN MERIT BASED DEPARTMENTS)**

All such applicants who fulfill any of the criteria for change of category to 'K' described above, should attach, with their forms, an application on plain paper for change of category together with the required documents mentioned above. At the time of admission, they will have to produce the original and copies of all the documents.

Note: The candidates who are applying for Test-based departments are not required to apply for change of category.

### **Admissions on Self-financed Seats**

The University offers admissions on self-financed seats in both Bachelor's and Master's programs. The numbers of seats, distribution of seats in bachelor's and master's degree programs and payment terms are referred to the appendix-M Page No 126-127.

### **ADMISSIONS ON RESERVED SEATS:**

Candidates for admission to reserved seats should ensure that they meet the criteria of eligibility for the University as well as the department concerned.

The merit list for these seats is prepared for different departments on the basis of recommendations by the departmental Admission Committees. It may be mentioned that certain departments have limited the number of students to be admitted on reserved seats because of the unusually large numbers of applicants.

Twenty (20) marks will be given to those candidates who are Hafiz-e-Quran, only after submission of Hifz-e-Quran certificate from recognized institutions; provided they are not holders of third division (less than 45% marks).

The candidates who are applying for the reserved seats are required to submit the application on the University of Karachi Reserved Seats Form.

Candidates seeking admission in Entry Test Based Departments have to submit the Entry Test Based Admission's Form as well and must appear in the Entry Test.

### **CONDITIONS FOR ELIGIBILITY:**

The conditions for eligibility, whether applying on merit or reserved seats, are given below:

Admission in the Faculties of Science, Arts & Social Sciences, Education, Islamic Studies or Management & Administrative Sciences, Pharmacy and Pharmaceutical Sciences, Engineering and Law will be granted as per the eligibility criteria of the department (Grace/Condoned marks will not be taken into account).

- i. A student placed in 3<sup>rd</sup> division or obtaining less than forty-five percent (45%) marks in the pre-requisite examination is **NOT ELIGIBLE** for admission in the University.
- ii. Twenty (20) marks will be given to those candidates who are Hafiz-e-Quran, for Bachelors and Master's programs after producing the Hifz-e-Quran certificate from recognized institutes, provided that they do not hold any third division (less than 45% marks) .
- iii. A candidate who has already obtained a Master's degree is not eligible for re-admission or fresh admission in any Master's Programs or a candidate who has already obtained a Bachelor's degree is not eligible for re-admission or fresh admission in any Bachelor's Programs. If any such case is discovered, the student's admission will be cancelled at any stage of the studies and legal action can be initiated.
- iv. Only those candidates can apply for admission who have passed the prerequisite examinations within the last five years.
- v. Candidates desirous of taking admission on the basis of degrees/certificates awarded by public sector institutions in Pakistan should get the equivalence of their degrees/certificates determined by the



University Equivalence Committee or Inter Board Chairman Committee (IBCC) well before the scheduled date of admissions.

- vi. Reserved seats are available in various departments for the international students. The minimum criterion for their eligibility is English proficiency with IELTS (minimum 5 band), in addition to passing in the pre-requisite examination.
- vii. All admissions are provisional subject to verification of documents. Fake documents and admissions/Inadvertent admission of candidates from non-recognized institutions can be cancelled at any time.

### **ADMISSION PROCEDURE :**

1. The date of opening of admissions, availability of forms, submission of online forms and other details are announced through the University of Karachi website [www.uok.edu.pk](http://www.uok.edu.pk) and advertisements in the newspapers.
2. Application forms will be available on the website [www.uok.edu.pk](http://www.uok.edu.pk) with all the relevant instructions as well as the demo for guidance of the students. The applicants are required to read the instructions carefully. In case, if any mistake is committed by the applicant, the University shall not be held liable for such omission/commission.
3. Applicants are instructed to select departments strictly in accordance with eligibility criteria listed in Appendices A & B for Bachelors Program and Appendices E & F for Master's Program. A maximum of five (05) choices of departments can be given in order of preference. The names of the departments should be mentioned very carefully since it is not possible to make any changes in the form once it is submitted.
4. Closing percentages for Bachelor's/Master's Admissions 2017 are given in Appendices H, I, (for open merit) & J (for test based departments), respectively. These percentages are only for guidance.
5. A candidate can apply for admission on open merit and test basis on separate forms but she/he is not allowed to submit more than one admission form for the same category of admission. If any candidate submits more than one form for admission in either open merit or entry test basis, all of her/his forms will be cancelled.
6. The provisional merit list of successful candidates will be displayed on the website of the University on the dates mentioned therein.
7. University employees who seek to get admission on the seats reserved for them will have to submit a statement containing essential details of employment duly certified by the Head of the concerned department.

8. Special persons who seek to apply for seats reserved for them are required to submit a medical certificate issued by the Social Welfare Department, Government of Sindh and / or civil surgeons.
9. Students applying on sports seats should upload sport certificates and other supporting documents. Two percent (2%) quota in each department is reserved for sports. Only those candidates are eligible for admission on the sports quota who have played as a member of:
  - Pakistan Junior/Senior Team
  - Winner/Runner-up National Championship
  - Pakistan University/Board Team
  - Winner/Runner-up Inter-Provincial Championship
  - Winner/Runner-up Inter-University or Inter Board Tournament.
10. The lists of admission for reserved seats will be prepared separately by the admissions committee.

**INSTRUCTIONS FOR CANDIDATES WHOSE NAMES APPEAR IN THE ADMISSION MERIT LIST:**

Candidates whose names appear on the admission list must complete all the formalities for admission within the stipulated time, otherwise their admission will lapse and no claim will be entertained.

The following documents are required to be submitted for completion of the admission process:

1. Print out of duly filled application form, submitted online by the applicant.
2. Original Marks Sheet of the last examination i.e. H.S.C./Intermediate or equivalent for Bachelor's and Bachelor's degree/Graduation for Master's Program (non-returnable).
3. Original character certificate from the Head of the last attended institution. For external candidates, a character certificate is required from any gazetted officer (non-returnable).
4. Original and copy of the CNIC of the candidate. In case where the candidate is below 18 years of age, the original and copy of his/her parents' (father/mother)/guardian CNIC. The original will be returned after verification.
5. The original certificate of S.S.C./Matric, H.S.C./Intermediate, A/O Level and an attested copy of the same. The original will be returned after verification.
6. Three (3) recent photographs (1x1.5 inch) on a white background.
7. Payment of prescribed Fee. (Appendix –K Page No. 124)
8. Signed copy of an undertaking on Rs.100/ stamp paper (specimen attached on page No.128).

**ENROLMENT:**

After completion of the above formalities, the candidates must enroll themselves, as under the University rules their admission will not be completed until he/she receives his/her enrolment card. The enrolment

can be completed by filling an enrolment form which can be obtained on the production of the original receipt of the Admission Form.

Students who have passed their last examination from Board, College or University outside Karachi have to submit a Migration Certificate from the respective institution in order to complete the enrolment formalities.

It should be noted that all admissions are provisional, subject to the verification of documents. If any candidate secures admission on the basis of misinformation and/or fake documents, his/her admission shall be cancelled at any time and the deposited fee shall not be refunded. Suitable punitive action will also be taken leading up to debarment from any educational institution for three years.

The candidate must follow the rules and meet the criteria laid down by the departments, in line with the admission policy of the University, as mentioned in Appendices A-F of this booklet.

The admission policy for Evening programs will be announced separately. Information is available in Appendix- G, on the website and in a separate prospectus.

In addition to the directions given in this booklet, all candidates for admission must abide by the rules mentioned in the University Code. Likewise, semester rules are applicable to all the students. Important semester rules are given in Appendices C & D.

### **TEACHING & PROMOTION CRITERIA:**

Beside various degree programs (B.A. (Honors), B.A., B.B.A., BE, B.A.LL.B., B.L.I.S., B.Sc. (Honors), B.S., M.A., M.B.A., M.Com., LL.M., M.L.I.S., M.P.A., M.Sc., M.C.S., Pharm. D., M. Phil. & Ph.D.), certificate and diploma courses are also offered by the University.

### **DURATION OF DEGREE PROGRAMS:**

The duration of various degree programs are as follow:

- One year for M.A./M.Sc./M.P.A. after completing Honors.
- One year for B.L.I.S. after Graduation.
- One year for M.L.I.S. after B.L.I.S.
- Two years for M.A./M.Sc./M.C.S./M.P.A./L.L.M.
- Three years for B.A./B.Sc. (Honors)/LL.B.
- Three and half years (3 ½) years for M.B.A.
- Four years for B.S./B.B.A./B.E./ Visual Studies (Industrial Design/Textile Design/Design & Media Arts (Media)/ Design & Media Arts (Graphics Design)/ Ceramics & Glass/Fine Arts/Islamic Arts/Art History).
- Five years for Doctor of Pharmacy/B.A.LL.B/Visual Studies (Architecture).

### **THE STUDIES SCHEDULE:**

Each academic year is divided into two semesters (for details see the academic calendar).

- A student who is pursuing a 3 (three) years Honors program in the Faculty of Arts and Social Sciences, Education, Islamic Studies and Science shall have to complete a total of eighty-four (84) credit hours courses in 6 (six) semesters (24 credit hours courses in the first year, thirty (30) credit hours courses in the second and 30 credit hours courses in the third year).
- A student who has successfully completed the Honors degree can get a Master's Degree after studying 30 credit hours courses (15 credit hours' courses in each semester).
- A student admitted to Master's (Previous) shall complete courses of 60 credit hours in two academic years (15 credit hours courses in each semester).
- Students admitted to the Faculty of Pharmacy and Pharmaceutical Sciences shall complete courses of 200 credit hours during the 5 years' program.

### **REQUIREMENTS OF ATTENDANCE :**

A student is not allowed to appear in the examination of any course, if the attendance is below 75% (for details consult 'Semester Examination Rules', a booklet available from the University Bookshop).

Criteria for promotion to next higher class/degree program.

To get promoted to the next higher class a student must clear (eighty percent) 80% of the courses during each academic year.

A student, admitted to Honor's program becomes eligible for admission to Master's Program only after completion of the Honor's degree requirements.

### **STUDENTS' CORNER:**

The University is well reputed for its multifaceted research and diversified campus life with world recognized laboratories, libraries, institutes and research centers. The main aim of the University is to provide students with the best amenities so as to compete with the international standards in the field of education.

### **OFFICE OF THE STUDENTS' ADVISOR:**

"Students' Affairs office" is responsible for maintaining discipline among students. This office also provides help in academics, career planning, self-reflection and exploration of options and resources.

In addition, each department has a students' advisor, whose job is to coordinate and execute curricular and co-curricular activities, particularly students' week, which is celebrated every year.

### **OFFICE OF THE INTERNATIONAL STUDENTS' ADVISOR :**

Admissions to students from abroad are made under two categories, one on " self-finance" and other under "Pakistan Technical Assistance Program (PTAP)" where the eligible candidate's tuition fee is subsidized (Note: Fee structure is different for Science, Pharmacy and Arts & Social Science faculties). Admissions under PTAP scheme are routed through Pakistan's diplomatic missions abroad through advertisement and their respective missions.

The Advisor and staff members of Office of the International Students' Advisor are committed to help international students regarding their issues such as health, accommodation, visa, transfer of credits, language, degree equivalence etc.

Note: The University also helps students from abroad to attain proficiency in the English language and also offers basic Urdu language courses before they become graduates. For further details regarding admission fee, language courses and admission process candidates are advised to contact the Office of the International Students' Advisor (foreignstudents@uok.edu.pk).

### **STUDENTS' GUIDANCE, COUNSELING, PLACEMENT BUREAU (SGCPB):**

This office has the following major responsibilities:

#### **A) GUIDANCE & COUNSELING:**

Guiding the students to attain professional competence is the pursuit of this office. Students can get information regarding the scope of their subjects and the job market available to them after obtaining their degrees. The SGCPB organizes various courses for Karachi University Students as well as students from within Pakistan and abroad. Tips are given to students regarding personal, social, psychological, ethical, and cognitive development.

#### **B) PLACEMENT:**

The office plays an active role in the placement of students in different industries and other offices. The office has also maintained Annual Graduate Profile followed by organizing a Job Fair on the campus.

### **DISCIPLINARY COMMITTEE :**

The disciplinary committee consists of the members as mentioned in section 11 of the first statute framed under section 47 of the University Code. The Committee follows the procedure as provided in the above mentioned section. The committee is competent to take the following actions against a candidate in case, if she/he is found indulging in political activities, committing any act of misconduct or acting in utter disregard of rules/regulations or acting against the interest of the state:

- Cancel the admission
- Impose fine



- Recommend penal action and
- Report to the relevant authorities in case of candidate found indulging in subversive activities.

### **STUDENTS' FINANCIAL AID OFFICE (SFAO) :**

Despite the financial constraints, the University provides fee concession and scholarship to deserving students. The SFAO, situated in room # 2 at ground floor of the old Administration Block, provides the following financial facilitation to the regular (morning program) students of the University:

- Financial assistance to the deserving students from the university's own resources i.e. Fee concession.
- Need-based scholarship including monthly maintenance grant to deserving students through Higher Education Commission, Islamabad.
- USAID fellowship for needy undergraduate, graduate and post-graduate Students of Arts & Social Sciences Departments.
- Merit based scholarships from foreign companies / trusts / foundations: Mitsubishi Corporation International Scholarship, Japan.
- Fellowship program from POSCOT J Park Foundation, Korea.
- Merit-cum-Need-based scholarship program from different donor agencies, Alumni Trust, Philanthropists: Karachi University Alumni Trust, JSTQ Foundation England Scholarship, Syeda Mubarak Begum Scholarship, Bismillah Bibi Scholarship, Al-Rehman Welfare Trust Scholarship.
- Interest-free loan schemes for morning and evening students through Ihsan Trust's Qarz-e-Hasna loan scheme.

### **LIBRARY :**

The central library was built in 1964 and is situated behind the main administration block. In recognition of the services of the former Vice Chancellor, the library was renamed as "Dr. Mahmud Husain Library" in 1976. It is housed in a six-story building including a huge basement. This library is one of the largest libraries in the country. The collection comprises of 4,40,000 books, periodicals, references, handbooks, encyclopedias, government and archive documents dating back to 1600s.

The library proudly owns the personal book collection of Quaid-e-Azam Muhammad Ali Jinnah, the founder of Pakistan.

Moreover, each department and institute has its own seminar library that contains books related to their specific disciplines.

### **LEJ DIGITAL LIBRARY :**

This high-tech library provides updated access to e-books and journals.

**BOOK BANK:**

The circulation section of the central library provides students with the facility to borrow books for one academic year. The books are issued after validation of the students' identity cards. The borrowed books are required to be returned to the Book Bank at the end of the academic session.

**UNIVERSITY BOOK SHOP:**

The University Book Shop is situated at the back of the central library. Students can also buy files, folders, greeting cards, wrapping sheets, papers, graph books, practical journals, and other stationery items at reasonable rates.

**CENTRALIZED SCIENCE LABORATORY:**

The centralized Science Laboratory is well equipped with modern and state of the art equipment. The aim of this laboratory is to facilitate research in different fields of science.

**CAFETERIAS:**

The campus has two main cafeterias students from different disciplines often gather there and get the opportunity to exchange ideas with each other.

Beside this, there are many other small canteens and food stalls situated on the campus where edibles and drinks are available at affordable prices.

**ACCOMMODATION:**

The University also provides the facility of on-campus boys' hostel for international students only. The female international students are accommodated in a separate girls' hostel. A limited accommodation is available for local female students coming from different cities of Pakistan on first-come-first-served basis. If they are desirous of availing of the facility of accommodation they should submit an application along with admission form before the admission in the international student office. Further information regarding accommodation facility may be obtained from the Provost of the hostel. The university also plans to establish a dormitory for MS/Ph.D. students.

**TRANSPORT:**

The University provides limited pick & drop facility to its students from designated stations in the city. Schedule of routes is announced at the beginning of each semester by the Transport Office and is also available on the official website.

**SPORTS:**

The University offers comprehensive inter-university, inter-provincial and international level sports activities. Apart from grounds for cricket, hockey and football a well maintained gymnasium provides facilities for indoor games such as table tennis, basketball, volley ball and badminton.

**HEALTH CARE:**

The university has a clinic with five medical officers and well-trained paramedical staff. In case of an emergency, these arrangements provide first aid.



**UNIVERSITY OF KARACHI**



**FACULTY OF  
ARTS AND SOCIAL SCIENCES**

## Department of Arabic

### Introduction

The department of Arabic University of Karachi, was established in 1955. Since its inception the department is enjoying the patronage of renowned scholars of international repute. From the outset, the Department started functioning under the auspicious headship of the renowned scholar Professor Allama Abdul Aziz Memoni. Highly qualified faculty members having vast experience enjoying good reputation are taking part in the dispersal of education.

The cautiously chosen syllabus considering the demands of the student and the existing period, offers excellent study of the ancient times and the contemporary era. It is indeed a confluence of ancient and modern Arabic Literature, Language and Linguistics. Besides academic activities, curricular and co-curricular activities are also stressed like extension lectures, debates, study tours, picnics and other function to reveal, enhance and polish the abilities and talent of the students. At present forty two (42) courses of Arabic Literature, Language and Linguistics are taught including computer and research methodology.

### Facilities

The Department offers a number of facilities to its students so that they pursue their studies in a very conducive environment equipped with latest technology. It has a well stocked seminar Library almost on all relevant subjects, a Computer Lab equipped with computers of latest version with internet facility, and modern Audio Visual Aids.

### Career Opportunities

The degree in Arabic would prove to be a key of success opening the doors of diversified fields such as teaching, translation, (academic, diplomatic and commercial etc.) and electronic media as well.

### Faculty Members

#### Assistant Professors

- Ms. Fatema Zainab (*Incharge*)
- Dr. Asif Saleem
- Dr. Muhammad Imran Latif Khokar
- Dr. Muhammad Abdul Hameed Nabeel

### Programs Available

- B.A. (Hons.)
- M.A.
- M.Phil. & Ph.D.
- Certificate Course (Arabic)
- Diploma in Qur'anic Arabic
- Diploma in Contemporary Arabic
- (PGD) Post Graduate Diploma in Functional Arabic

### For Further Enquiry

**Telephone:** 99261300-06 Ext- 2273

**Website:** [www.uok.edu.pk/faculties/arabic](http://www.uok.edu.pk/faculties/arabic)

**Email:** [arabic@uok.edu.pk](mailto:arabic@uok.edu.pk)

## Department of **Bengali**

### **Introduction**

Established in 1953, the department of Bengali at the University of Karachi offers regular programs at graduate and post graduate levels. These programs enable students to develop a meaningful understanding and appreciation of Bengali literature and its history beginning from the ancient to modern era.

### **Facilities**

There are about 2000 books on Bengali literature in the seminar library.

### **Specific Research Areas**

The students are required to produce research at various levels, ranging from short assignments to the optional final year thesis.

### **Career Opportunities**

Students who graduate from this department are competent enough to enter the teaching profession for the subject of Bengali at primary as well as higher education levels. Furthermore, opportunities of working in a Bangladeshi banking sector, including Arif Habib Rupali Bank, and in various government departments are available to them. They may also go for research, or work as translators and interpreters.

### **Faculty Member Professor**

- Dr. Mohammad Abu Tayyub Khan  
(Chairman)

### **Programs Available**

- B.A. (Hons.)
- M.A.
- Bengali Certificate Course

### **For Further Enquiry**

**Telephone:** 99261300-06 Ext- 2319

**Website:** [www.uok.edu.pk/faculties/bengali](http://www.uok.edu.pk/faculties/bengali)

**Email:** [bengali@uok.edu.pk](mailto:bengali@uok.edu.pk)



Department of

# Criminology

## Introduction

Masters program in criminology was initiated in 1995. Dr. Naseer A. Shaikh, Dr. Abdul Wahab, Dr. Muhammad Shoaib Suddle, Prof. Shamim Hashmi, Dr. Fateh Muhammad Burfat, and Mr. Jameel Yousuf were the pioneers of the program. The program was upgraded and the Department of Criminology was established in 2014. The major objective of the program is to provide the students with hands on- training in the specialized fields of criminology such as control of violence and terrorism, forensic criminology, policing, security, criminal investigation, juvenile justice system, organized crime, money laundering, fraud and drug abuse related issues.

## Facilities

Department of Criminology is a newly established department; efforts are being made to develop well equipped Forensic, Computer Laboratories and Seminar Library

## Career Opportunities

Criminologists are employed in Police, Military, Intelligence Agencies, National Accountability Bureau, Correctional Institutions, national and international NGOs and they are also working as Parole and Probation Officers, Juvenile Court Workers, Criminal Investigators, Security Experts, Crime Reporters, Correctional Counselors, Rehabilitation Counselors.

## Faculty Members

### Associate Professor

- Dr. Ghulam Muhammad Burfat (*Chairman*)

### Assistant Professor

- Dr. Naima Saeed

## Programs Available

- B.A.(Hons.) (Morning & Evening)
- M.A. (Morning & Evening)
- M.Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06, Ext-2583

**Website:** [www.uok.edu.pk/faculties/criminology](http://www.uok.edu.pk/faculties/criminology)

**Email:** [fatehmuhammadburfat@gmail.com](mailto:fatehmuhammadburfat@gmail.com)

Department of

# Economics

## Introduction

The department of Economics is one of the largest departments in the Faculty of Social Sciences. It was established in 1950-51 with the enactment of the University of Karachi Act, at the old campus in the city, and was later shifted to its present location in 1960. Professor Newman Joseph Adams, an American national, was appointed as the first Chairman of the department. Due to its academic stance the department of Economics has the distinction of being recognized as a premier department in the country. Many of its graduates, have had secured key positions at various national as well as international organizations. It is because of these standards that the department was accorded with the honor of establishing a center of national capability in Economics by the name of "Applied Economics Research Center" through a grant from the Sindh Government.

## Facilities

The seminar library has a good collection of books and periodicals related to Economics, Finance and Transport, In order to fill the gaps, inter-library books borrowing and lending facilities are also available with other major libraries in the city. The department has two well-equipped computer labs.

## Specific Research Areas

The research interest of the teaching faculty includes: International / Global Economics; Monetary Economics; Islamic Economics; Innovation & Productivity; Globalization Economics Growth; Development Economics; Banking & Finance; Human Resource Management and Financial Economics.

## Career Opportunities

Graduation from Economics Department provides an opportunity of fresh graduates to secure respectable positions in various national and international institutions. They include State Bank of Pakistan; Planning Commission; Ministry of Finance & Economics Affairs; national and private banks; research institutions and finance & brokerage companies; teaching positions in universities and colleges; and mid-career level managerial positions in national and multinational companies.

## Faculty Members

### Professors

- Dr. Khalid Mustafa (*Chairman*)
- Dr. Roohi Ahmed

### Associate Professor

- Dr. Abdul Waheed

### Assistant Professors

- Dr. Rubina Hassan
- Dr. S. Wiqar Hussain
- Mr. Syed Muhammad Ali
- Dr. Muhammad Ahsanuddin
- Ms. Seema Siddiqui Hai
- Dr. Safia Qamar
- Dr. Nooreen Mujahid
- Mr. Mirza Muhammad Shehzad
- Dr. Rummana Zaheer
- Ms. Saba Masood
- Dr. Lubna Naz
- Mr. Muhammad Haseeb
- Dr. Zeeshan Atique

### Lecturers

- Ms. Rabia Shakir
- Mr. Muhammd Umair

## Programs Available

- B.A./B.Sc. (Hons.) (Evening & Morning)
- M.A./M.Sc. (Evening & Morning)
- M.E.F. (Evening only)
- PGDEF (Evening only)
- M.T.M. (Evening only)
- M.Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2270

**Website:** [www.uok.edu.pk/faculties/economics](http://www.uok.edu.pk/faculties/economics)

**Email:** [khalidm@uok.edu.pk](mailto:khalidm@uok.edu.pk)

## Department of

# English

## Introduction

The department of English was established in 1955. It was located in Shivjee Murarji building in Nanakwara. Later in January 1960 when the university moved to its present location, the department was housed on the first floor of the Old Block in the faculty of Social Sciences. Professor Dr. Ahsan Farooqui was the first head of the department. Prof. Dr. Ali Ashraf, Prof. Maya Jamil, Prof. Dr. Muzaffar Hussain and Prof. Dr. Kalim-ur-Rahman were among notable chairpersons. (Late) Prof. Maki Kureshi is one of the internationally reputed Pakistani English poets. The department offers masters programs in both English literature and linguistics in the Morning as well as Evening Program. There are also M.Phil. & Ph.D. programmes offered by the Department of English.

## Facilities

- Department Seminar Library
- Audio-Visual Lab
- Cassettes Library for the Blind

## Specific Research Areas

- Early Modern English Literature
- American Literature
- Literary Theory
- Romanticism
- Comparative Literature
- English Syntax
- World Englishes
- Sociolinguistics
- Discourse Analysis
- Postcolonial Literature and Criticism
- TESL

## Career Opportunities

Students of the Department of English have entered a variety of vocational fields. Some of these fields are: CSS, Advertising, Media (TV, Radio, Newspapers, Magazines, etc.) Banking, Business, Teaching, Educational Administration, Research, Translation, to mention only a few. Excellent job opportunities are available for the students of English Department in the country and abroad.

## Faculty Members

### Professor

- Dr. Farhana Wazir Khan (*Chairperson*)

### Associate Professor

- Dr. Iftikhar Shafi

### Assistant Professors

- Ms. Dilshat Bano
- Ms. Nishat Wasim
- Ms. Huma Shakir
- Ms. Lubna Shaheen
- Mr. S.M. Tayyab Zaidi
- Ms. Shumaila Shafket Ali
- Dr. Faisal Nazir
- Dr. Bushra Khurram
- Mr. Wajdan Raza

### Lecturers

- Ms. Ibtesam Afreen
- Ms. Lubna Hasan
- Mr. Muhammad Babur Khan Suri
- Mr. Muhammad Moonis Azad
- Mr. Syed Farhan Shaukat
- Mr. Abdul Basit

## Programs Available

- B.A. (Hons.)
- M.A.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2268

**Website:** [www.uok.edu.pk/faculties/english](http://www.uok.edu.pk/faculties/english)

**Email:** [english@uok.edu.pk](mailto:english@uok.edu.pk)

Department of

# General History

## Introduction

Department of History, established in 1953, is one of the oldest departments of Karachi University which is proud of having world renowned scholars such as Dr. Mahmood Hussain, Dr. Riazul Islam, Dr. M. H. Siddiqui and many more as its faculty members.

## Facilities

- Dr. I.H. Qureshi Memorial Library
- Raizul Islam Audio Visual Center
- Teaching Museum
- Internet facility for research students

## Specific Research Areas

Medieval History, Modern/Contemporary History, Archeology, History of Sindh, Socio-Economic modern history, history of conflict and public policy demography.

## Career Opportunities

In terms of finding career jobs after graduation, 30% success has been reported from passed out students. Media, research organizations, NGO's and specially public sector jobs through competitive exams (CSS, PSC etc.).

## Faculty Members

### Professors

- Dr. S. M. Taha (*Chairman*)
- Dr. Nasreen Afzal

### Associate Professor

- Ms. Nargis Rasheed

### Assistant Professors

- Dr. Hina Khan
- Dr. Kiran Shahid Siddiqui
- Dr. Muhammad Moiz Khan
- Dr. Farah Deebea Mansoor
- Dr. Humiera Naz
- Ms. Kishwar Khan
- Dr. Abdul Jabbar Khan

### Lecturers

- Ms. Samra Sarfaraz Khan
- Ms. Mahreen Jamal

## Programs Available

- B.A. (Hons.)
- M.A.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2272

**Website:** [www.uok.edu.pk/faculties/generalhistory](http://www.uok.edu.pk/faculties/generalhistory)

**Email:** [genhist@uok.edu.pk](mailto:genhist@uok.edu.pk)

Department of

# International Relations

## Introduction

The Department of International Relations is the oldest Department in the field of International Relations in Pakistan and the third oldest in South Asia. It was established in 1958 and has the honor of offering B.A./M.A./M.Phil. and Ph.D. programs. More than 700 students are studying at the undergraduate and graduate level both in its morning and evening programs. Since its inception, the Department of International Relations has been active in organizing international and national conferences, seminars and workshops.

## Facilities

The Department has a seminar library, which stocks more than 3000 books and also subscribes 15 research journals related to different areas of study. The Department has a well-equipped computer lab, which provides an access to online research journals and databanks to facilitate the research activities.

## Specific Research Areas

The faculty of International Relations consists of highly qualified teachers. They have expertise in the area of International Relations Theories, Security Studies, Peace Studies, International Law, Human Rights, Confidence Building Measures, Arms Control and Disarmament, Terrorism, Environmental Studies, Conflict Resolution, South Asia, Middle East, North America, and Russian & Central Asian Studies.

## Career Opportunities

Graduates of the Department have vast opportunities of employment in different fields, including media, research institutions, Foreign Embassies, civil services, banks and universities.

## Faculty Members

### Professors

- Dr. Moonis Ahmar
- Dr. Shaista Tabassum (*Chairperson*)

### Associate Professors

- Dr. Naeem Ahmed
- Dr. Farhan Hanif Siddiqui

### Assistant Professors

- Mr. Syed Amir Hameed
- Dr. Nausheen Wasi
- Mr. Fahimuddin
- Mr. Muhammad Faisal Awan

### Lecturer

- Mr. Amjad Ali

## Programs Available

- B.A. (Hons.)
- M. A.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2274

**Website:** [www.kuird.edu.pk](http://www.kuird.edu.pk)

**Email:** [ir@uok.edu.pk](mailto:ir@uok.edu.pk)

## Department of

# Islamic History

### Introduction

Department of Islamic History may be regarded as one of the oldest departments in Karachi University. It was established in 1953 with a view to provide facilities for advanced studies and original research in the field of Islamic History and culture.

### Facilities

A departmental library possesses a collection of about 2700 books. It provides reading and research facilities to the students of Islamic History.

### Specific Research Areas

All aspects and periods of Islamic History.

### Career Opportunities

There is great scope for the students of Islamic History in the fields of Social Sciences, Political Science, International Relations and Sociology. They have a very bright future in the professions of teaching and media.

### Faculty Members

#### Associate Professor

- Dr. Muhammad Zubair (*Chairman*)

#### Assistant Professors

- Dr. Sofia Farnaz
- Dr. Farzana Jabeen
- Dr. Farah Naz Saleem
- Mrs. Surayya Shaheen
- Dr. Sameena Hasnain
- Dr. Zeba Iftikhar
- Dr. Uzma Perveen
- Dr. Muhammad Sohail Shafiq
- Dr. Humera Naz
- Dr. Muhammad Faisal Hasan

### Programs Available

- B.A.(Hons.)
- M. A.
- M. Phil. & Ph.D.

### For Further Enquiry

**Telephone:** 99261300-06 Ext- 2276

**Website:** [www.uok.edu.pk/faculties/islamichistory](http://www.uok.edu.pk/faculties/islamichistory)

**Email:** [islamichistory@uok.edu.pk](mailto:islamichistory@uok.edu.pk)

## Department of

# Library and Information Science

## Introduction

Department of Library Science, established in 1956, was the first ever to offer a professional degree in Pakistan. Masters in Library Science (M.L.S.) has been offered since 1962. Since 1982 the Department has been known as Department of Library and Information Science, and information control / management became an integral part of the studies. Computer lab for practical training was established in 1984. Ph.D. Program of the Department was initiated in 1967.

The founder Chairman, Dr. Abdul Moid was the first Ph. D. holder in Library Science from the USA (1964). He was also the Chief Librarian of Karachi University Library (presently Dr. Mahmood Hussain Library). The Seminar library of the Department, inaugurated in 1985, is named after him.

## Facilities

The Department of Library and Information Science has a well-stocked seminar library, a practical lab for cataloguing and classification and well equipped computer lab having 34 PCs with the facility of networking and Internet. Multimedia, slide projectors, sound system and other equipment are available for academic and co-academic activities.

## Specific Research Areas

Research is actively pursued by the faculty in their respective fields of interest. The students are required to produce research at various levels, ranging from short assignments to the optional Final year thesis.

## Career Opportunities

As knowledge and information is needed by everyone everywhere, all types of academic / research/ professional institutions need librarians. The need of a trained person to control and to search relevant information in modern times has become a necessity. Opportunities for outgoing students are open in public and private sector and packages offered are better in comparison to other professions. In government offices, BLIS / BS degree holders are offered 16/17 (BPS) and MLIS 17 (BPS) and above.

## Faculty Members

### Associate Professor

- Dr. Munira Nasreen Ansari (*Chairperson*)

### Assistant Professors

- Mr. Anwer Shoaib Khan
- Mr. Farhat Hussain Khan
- Ms. Naveed-e-Sehar
- Ms. Rifat Parveen Siddiqui
- Mr. Muhammad Waseem Zia

### Lecturers

- Mr. Rashid Ali
- Ms. Rabia Aslam

## Programs Available

- BLIS
- MLIS  
(Students who have completed their BLIS and MLIS are awarded separate degrees for each programme)
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2249

**Website:** [www.dlisuok.edu.pk](http://www.dlisuok.edu.pk)

**Email:** [dlis.uok@gmail.com](mailto:dlis.uok@gmail.com)

Department of

# Mass Communication

## Introduction

Established as Department of Journalism in 1955 with a diploma course for working journalists, it was renamed as Department of Mass Communication in 1985. The department was established with an aim to produce qualified and trained journalists and media professional to cater to the growing needs of the media industry. A full-fledged M.A. program replaced the diploma program in 1962 to modernize media education in the country.

## Facilities

The department has sufficiently equipped six teaching and training labs, TV lab, news lab, advertising lab and two computer labs, (one each for Urdu and English). The department runs FM Radio channel which provides a training base for the students in radio broadcasting.

## Career Opportunities

Students have wide ranging job opportunities in the growing industry including media and advertising and public relations. Some of the students conveniently find positions in private sector FM radio and TV channels and print media even before passing out.

At both Bachelors and Masters level the department offers specialization in three different streams;

- Print Media
- Electronic Media
- Advertising and Public Relations

## Faculty Members

### Professors

- Dr. Rafia Taj
- Dr. Seemi Naghmana (*Chairperson*)

### Assistant Professors

- Ms. Samina Qureshi
- Dr. Fouzia Naz
- Dr. Sadia Mahmood
- Dr. Asmat Ara
- Dr. Muhammad Osama Shafiq
- Dr. Naveed Iqbal Warsi
- Dr. Syed Azfar Ali

### Lecturers

- Mr. Naveed Arshad
- Ms. Raana Afzal

## Programs Available

- B.A. (Hons.)
- M.A.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2278

**Website:** [www.uok.edu.pk/faculties/masscommunication](http://www.uok.edu.pk/faculties/masscommunication)

**Email:** [masscommunication@uok.edu.pk](mailto:masscommunication@uok.edu.pk)



## Department of

# Persian

## Introduction

The department of Persian was established in 1955 with a view to provide facilities for advanced studies and research in the fields of Persian language and literature with particular emphasis on the literature produced in the Indo-Pak subcontinent during the last nine centuries, and to familiarize the younger generation of this country with the history, language and literature of Iran. Professor Dr. Ghulam Sarwar was the founder Chairman of the department.

## Facilities

### Seminar Library:

The seminar library holds a stock of more than 5000 books and 1500 journals. It also has a good number of rare printed works, audiotapes and discs. Besides, the personal collections of the teachers, which exceed 2000 titles, are also available to the readers within the premises of the department.

### Additional Language Support Classes:

The department of Persian also arranges special conversational classes, which aim at developing the Persian speaking power of the student with correct pronunciation and accent. The department has recently acquired necessary audiovisual equipment for this purpose.

### Seminar/Lecture Program:

The co-curricular program also involves seminars and lectures delivered by renowned scholars on topics mostly relating to Persian language and literature. These programs aim at enhancing the academic capability and talents of the students.

## Specific Research Areas

- Modern and classical prose & writers of Iran, Pakistan, India and Afghanistan
- Classical & modern poetry
- Poets of Iran, Pakistan, India and Afghanistan
- Sufistic prose & poetry-History of Persian literature impact of Persian language and literature, culture on different fields of life.

## Career Opportunities

Students of this department continue to enter a variety of vocational fields, some of which are CSS, Advertising, Media, Banking, Business, Translation / Interpreting, Teaching, Educational Administration & Research, News agencies, Foreign Ministry etc.

## Faculty Members

### Associate Professor

- Dr. Shehla Salim Noori (*Chairperson*)

### Assistant Professors

- Ms. Salma Latif
- Dr. Ramzan Bamari
- Dr. Faizeh Zehra Mirza
- Dr. Muhammad Nazir

### Lecturers

- Ms. Faiza Khatoon
- Ms. Bilquees

## Programs Available

- B.A.(Hons.)
- M. A.
- M. Phil. & Ph.D.
- Persian Certificate (Language course)
- Persian Certificate (Historical text)
- Diploma Course (Persian language)
- Diploma course (Historical text)

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2280

**Website:** [www.uok.edu.pk/faculties/persian](http://www.uok.edu.pk/faculties/persian)

**Website:** [persian@uok.edu.pk](mailto:persian@uok.edu.pk)

## Department of

# Philosophy

### Introduction

The Department of Philosophy was founded in 1952. It is the first department that came into existence in the faculty of Arts initially (now the faculty of Social Sciences) University of Karachi. Prof. Dr. M.M.Ahmed, a man of saintly wisdom and philosophical acumen, was the founder Chairman of the department. From the very beginning, the department has remained committed to fostering a wide variety of philosophical approaches and has gradually evolved towards developing links between philosophy and other disciplines. The members of its teaching staff included Professors, Associate Professors, Assistant Professors and Lecturers. All teachers are strongly committed to teaching and research and have contributed through their publications, significantly in the advancement of knowledge. Moreover, its senior faculty members have also served on important positions of responsibilities in other areas. At present Dr. Abdul Wahab Suri is the senior most faculty member of the department. He is the Chairman of the department.

Philosophy Department is committed to a variety of approaches. Researches pursued by its faculty members and students involve living issues from History of Philosophy, Meta-Logic, Phenomenology, Existentialism, Ethics, Analytical Philosophy, Concept of Self; Post Modernist Thought, Islamic Modernism, Philosophical Anthropology, Critical Theory, Hermeneutics, Philosophy of Art, Philosophy of Mind, Pragmatism etc. The department has enough human resources to produce high quality researchers in the field of Philosophy of Science, Hermeneutics, Analytical Philosophy, Political theory and Philosophy of Law, Post-modern Philosophy, Muslim Philosophy, Aesthetics, Bio-ethics etc.

### Facilities

- Seminar Library
- Philosophy Research Centre/Computer Lab for M. Phil. & Ph.D. Students.

### Specific Research Areas

- Western philosophy
- Muslim philosophy
- European philosophy
- Philosophy of law
- Philosophy of art & literature

- Philosophy of language
- Political philosophy
- Consciousness studies
- Philosophy of mind philosophy of action

### Career Opportunities

Career Opportunities for students of philosophy include teaching, research, journalism, law government jobs, and all the other disciplines that incorporate social science graduates and researches.

### Faculty Members

#### Professors

- Dr. Abdul Wahab Soori (*Chairman*)
- Dr. Zulfiqar Ali
- Dr. Abdul Raheem Afaqi

#### Associate Professor

- Dr. Javed Iqbal Amiri

#### Assistant Professors

- Dr. Abdul Khaliq Aboya
- Dr. Syed Alam Shah
- Dr. Muhammad Ateeq
- Mr. Amjad Ali
- Mr. Irfan Muhammad
- Dr. S. M. Mehboobul Hasan Bukhari

#### Lecturer

- Ms. Safia Bano

### Programs Available

- B.A. (Hons.)
- M.A.
- M. Phil. & Ph.D.

### For Further Enquiry

**Telephone:** 99261300-06 Ext- 2271

**Website:** [www.uok.edu.pk/faculties/philosophy](http://www.uok.edu.pk/faculties/philosophy)

**Email:** [philosophy@uok.edu.pk](mailto:philosophy@uok.edu.pk)

## Department of

# Political Science

## Introduction

The department of Political Science was established in 1952. It has since then initiated programs for the award of research degrees of M. Phil. and Ph.D. in Political Science and its allied fields.

The Department of Political Science has been playing an important role in the overall development of the University. It has been the mother of the Department of International Relations, Sociology and Public Administration. At present the department is second in the Faculty of Social Sciences, after Economics, in terms of the number of students enrolled.

## Facilities

The department has a fully functional Seminar Library with over 2000 books. Most of the books are recent publications in the subject in both English and Urdu. The library also offers dailies, periodicals and research journals for reading to its students. Moreover, there is a well equipped specialized Library with latest books and periodicals in all the areas relevant to Public Policy. The Library maintains a reference section which has a reasonable collection of books for ready reference. Thus the Library provides a very supportive environment for research activities.

## Computer Lab

The Computer Lab is equipped with high speed computers, printers and scanner facilities. These computers are networked with a server and a stand by server. Audio/ Visual aids including multimedia option are used during presentations/lectures. Internet access is also available to the students.

## Specific Research Areas

Global Politics, Political Economy, International Relations, Comparative Politics, Islamic Political System, Government and Politics of Pakistan, Western Political Theory, Foreign Policy Theory and practice with reference to India, USA, UK, China and the Muslim countries.

## Career Opportunities

In addition to teaching and research positions in academic settings, Political Science degree holders are

prepared for careers at all levels of government as well as journalism, International business, International risk analysis and Political campaign organization their skills of surveys and statistical analysis is in high demand in the public and private sectors. Their knowledge and scientific education on current affairs, both national and international, caters to the needs of the job market especially competitive exams.

## Faculty Members

### Professors

- Dr. Muhammad Ahmed Qadri  
(*Dean, Faculty of Arts and Social Sciences*)
- Dr. Nusrat Idrees
- Dr. Samina Saeed (*Chairperson*)
- Dr. Summer Sultana

### Associate Professor

- Dr. Muhammad Ali

### Assistant Professors

- Mr. Muhammad Kamran Khan
- Dr. Syed Shameel Ahmed Qadri

### Lecturer

- Mr. Mehboob Hassan Muqaddam

## Programs Available

- B.A. (Hons.)
- M.A. in Political Science
- M.A. in Public Policy (MPP)
- Diploma in Local Government (Evening)
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2347/2342

**Website:** [www.uok.edu.pk/faculties/politicalscience](http://www.uok.edu.pk/faculties/politicalscience)

**Email:** [politicalscience@uok.edu.pk](mailto:politicalscience@uok.edu.pk)

## Department of

# Psychology

### Introduction

The department of Psychology came into existence in 1954 under the Chairmanship of Professor Dr. Qazi Aslam. It gradually attracted both students and teachers with the result that teaching and research psychologists like Dr. Haseen Uddin Zuberi, Dr. S. M. Hafeez Zaid, Dr. Farrukh Z. Ahmed, Dr. Afzal Imam and Dr. M. Wasim led the department to its present academic heights. It has now become one of the leading departments in the Faculty of Social Sciences.

Since 1956, the teaching and practice of Clinical psychology has enjoyed popularity both amongst teachers and students of the department.

Teachers of the department are also members of the Sindh Psychological Association and the Pakistan Psychological Association. They further act as subject specialists in the Provincial and Federal Public service commission for the appointment of teachers in colleges. Seminars, lectures, mental health camps, conferences and professional development courses, etc. are arranged for the students so that they remain updated with current activities and will be able to grow intellectually.

### Facilities

The department's library has a collection of over 800 books. This large collection includes latest Books, publications and encyclopedias. The department is fully equipped with audio-visual aids for meeting the instructional needs.

The Department of Psychology is committed for mental health awareness, and continuously offering Psychological Services which includes, Assessment Counseling and Psychotherapies to the students, faculty, staff members and community at large.

### Specific Research Areas

The Faculty members are actively involved in pursuing important areas in research. Some research topics include: child development relationship, gender issues, community psychology, therapeutic techniques and diagnosis, organizational behavior, consumer behavior, social and psychological issues.

### Career Opportunities

After doing Masters in Psychology (Clinical/ Industrial/Educational /Investigative Psychology), the students can pursue careers in any of the following fields:

- Organization
- Clinical Setup
- Educational Institutes
- Law Enforcement Agencies
- The Armed Forces etc.
- NGOs

### Faculty Members

#### Professors

- Dr. Anila Amber Malik
- Dr. Farah Iqbal (*Chairperson*)
- Dr. Qudsia Tariq

#### Associate Professors

- Mrs. Rubina Feroz
- Dr. Amena Zehra Ali
- Dr. Zi Asma Haneef Khan

#### Assistant Professors

- Ms. Anila Mukhtar
- Dr. Bushra Khan
- Dr. Rabia Riaz
- Dr. Samia Masoom Ali
- Dr. Farhan Kamrani

#### Lecturer

- Ms. Zahra Barkat Ali

### Programs Available

- B.A./B.Sc.(Hons.)
- M.A./M.Sc.
- M. Phil. & Ph.D.

### For Further Enquiry

**Telephone:** 99261300-06 Ext- 2283

**Website:** [www.uok.edu.pk/faculties/psychology](http://www.uok.edu.pk/faculties/psychology)

**Email:** [psychology@uok.edu.pk](mailto:psychology@uok.edu.pk)

## Department of Sindhi

### Introduction

The department of Sindhi was established in 1972. It started with a master's program only, but later on Honours, certificate and diploma programs were also introduced.

The department of Sindhi has been actively contributing towards production of research and academic Literature by organizing seminars and conferences from time to time. These events result in production of valuable literature in the form of monographs and books launched on such occasions. The department also plans to launch a quarterly Research Journal very soon to bring into lime light research in and on Sindhi language and literature. Besides, the department also organizes excursions for students to various historical places for their close first hand interaction with history thus giving students a chance to triangulate their knowledge from books, observations and their own interaction.

### Facilities

- Well-stocked seminar library
- Multi Media classes and presentation facilities are available.

### Career Opportunities

The graduates find various openings of their career including teaching at secondary, higher secondary and higher educational institutions, with a boom in media industry, now they also join various electronic and print media outlets apart from literary/language organizations/institutes of private and public sector.

### Faculty Members

#### Professors

- Dr. Naheed Parveen
- Dr. Abdul Ghafoor Memon

#### Associate Professor

- Dr. Rukhman Gul Palari (*Chairperson*)

#### Assistant Professors

- Dr. Sher Muhammad
- Dr. Sajida Parveen

### Programs Available

- B.A.(Hons.)
- M.A.
- M. Phil. & Ph.D.
- Certificate/Diploma in Sindhi
- Certificate courses in Balochi Language

### For Further Enquiry

**Telephone:** 99261300-06 Ext- 2228

**Website:** [www.uok.edu.pk/faculties/sindhi](http://www.uok.edu.pk/faculties/sindhi)

**Email:** [sindhi@uok.edu.pk](mailto:sindhi@uok.edu.pk)

Department of

# Sociology

## Introduction

The department of Sociology was established in 1960. Sociology is the scientific study of society and human behavior. This is the core discipline of social sciences. The study of sociology aims at analyzing the patterns, trends and attitudes of human behavior deriving their causes and predicting the future of the behavioral patterns in society. The areas covered by sociology includes community development, social organization, human management, health and medical aspects, industrial, agricultural, rural and urban development, demography, human rights, social psychology, social structure, economic development and interaction among different people around the world.

This field tries to examine the organizational structure of society and the influence it has on the social, political and religious ideas of the members of society. It encompasses the study of the organization and business. It attempts to analyze the reaction and management of social groups as well as the factors which lead to their break down.

Sociological research reveals, the multi faceted nature of Social reality, its multiple causes and multiple effects provide us well sets of methods suitable for unraveling the complexities of social life. The study of sociology helps us to determine which steps are most likely to lead towards given goals.

To meet the academic demands of society, Programs in Criminology and Population Sciences were initiated under the umbrella of the department of Sociology. Graduates from the department have adopted a wide range of careers. Most have excelled in their profession and have joined public and private institutions. The study in the department is well organized. The teaching faculty includes experienced Professors, including those with degrees from foreign universities. Research work is a hallmark of the department. Seminar and workshops are important characteristics of the department which are organized frequently.

## Facilities

The seminar library contains over 3000 books, journals, magazines and other national and international periodicals. The department has a well equipped computer laboratory, which provides assistance in almost all aspects of the use of information processing facilities. Ethnological Museum plays a pivotal role in the study of art and culture. It contains more than 500 precious artifacts and serves as a cultural laboratory.

## Career Opportunities

Sociologists are employed in industries, trade, association labor unions, foundations and fairly in large numbers by research organizations and administration. Newly emergent

careers in many programs have developed in recent years like, Training Program, Foreign aid program, Humanitarian Organization like UN, national and international NGOs. Furthermore sociologists and criminologists can work as hospital management administrator, Public Administration Assistant, Rural health worker, Census Research Assistant, Consumer Researcher, Data Analyst, Demographer, Market Researcher, Statistician, Survey Research Technician, Correctional Counselor, Criminal Investigator, Juvenile Court Worker, Parole Officer, Rehabilitation Counselor.

## Faculty Members

### Professors

- Dr. Rana Saba Sultan
- Dr. Sobia Anis Shahzad
- Dr. Nabeel A. Zubairi (*Chairman*)

### Associate Professors

- Dr. Naila Usman Siddiqui
- Dr. Kausar Parveen

### Assistant Professors

- Dr. Munazza Madani
- Mr. Amjed Javed
- Dr. Kaneez Fatima

### Lecturer

- Ms. Nousheen Raza

## Programs Available

- B.A.(Hons.) (Morning & Evening)
- M. A.(Morning & Evening)
- M. Phil. & Ph.D. (Morning)
- Masters in Criminological Sciences (Evening)
- Masters in Population Sciences (Evening)

## For Further Enquiry

**Telephone:** 99261300-06, Ext-2286

**Website:** [www.uok.edu.pk/faculties/sociology](http://www.uok.edu.pk/faculties/sociology)

**Email:** [nazubairi@uok.edu.pk](mailto:nazubairi@uok.edu.pk)

## Department of

# Social Work

## Introduction

The Department of Social Work was established in 1961 and it has continuously responded to the societal and corporate needs by developing trained professional social workers. The department boasts of having very successful alumni.

The department strives to strike the right balance by creating a strong base of theoretical inputs combined with a rigorous Industrial /NGO exposure of nearly 12 credit hours, through the fieldwork training which is an important part of the curriculum. Through this training, students are provided opportunities to integrate their theoretical knowledge with the practical world and enquire hands on experience to deal with the variety of complex societal problems as challenges. The students are placed in government and non government organizations for obtaining knowledge in the fields of community development, school social work, and medical social work. The students of M.A. final year are bound to carry-out research projects to be submitted at the end of the year.

## Facilities

The Department of Social Work has a well stocked library with more than 1000 books, theses, journals, reports and periodicals. Department is also equipped with an Audio Visual Lab recently named as "Abdul Sattar Edhi Research Lab."

## Specific Research Areas

The research activities are related to all the social problems at large. Community development, public health issues as well as institutional studies are allied research areas.

## Career Opportunities

Job placements for social work graduates are:

- Ministry of Social Welfare and special Education
- Women Development
- Bait-ul-Mal Department
- Medical Social Service Projects, CDGK, RCD projects, Jails, etc.
- Ministry of Population Welfare
- Ministry of Labour Welfare
- Educational Institutions
- Research Organizations
- Health Care Organizations

- Administrative positions in National and International NGOs
- Planning and Development organizations
- Urban and Rural Community Development Projects
- Family & Child Welfare
- Criminology and Correctional Administration
- School Social Work

## Faculty Members

### Professor

- Dr. Nasreen Aslam Shah (*Chairperson*)

### Associate Professors

- Dr. Muhammad Shahid
- Dr. Muhammad Nadeemullah

### Assistant Professors

- Dr. Syeda Farhana Sarfaraz
- Dr. Samina Rauf
- Dr. Sakina Riaz
- Dr. Jugnoo Salahuddin
- Dr. Sumaira Ishrat
- Dr. Muhammad Arshad

## Programs Available

- B.A. (Hons.)
- M.A.
- M. Phil. & Ph.D.
- Certificate/Diploma in Social Work (evening)

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2284

**Website:** [www.uok.edu.pk/faculties/socialwork](http://www.uok.edu.pk/faculties/socialwork)

**Email:** [sw@uok.edu.pk](mailto:sw@uok.edu.pk)

## Department of Urdu

### Introduction

The department of Urdu officially came into existence in 1955 when the University of Karachi decided to organize postgraduate classes in Urdu under its own management instead of through the colleges.

At the time of its establishment. Moulvi Abdul Haq, *Baba-e-Urdu* was made honorary Professor and the Chairman of the Department. Teaching responsibilities were carried out by the teachers of local colleges. Later Dr. Ghulam Mustafa Khan, a prominent scholar and Professor at Urdu College Karachi, was appointed both as a cooperative teacher and as the Chairman of the department. In the same year, Dr. Abul Lais Siddiqui was appointed as a Reader and Chairman and Dr. Abdul Qayyum, Dr. Syed Shah Ali, and Qudratullah Fatimi joined as lecturers.

With the valuable efforts and abilities of these teachers as well as the scholars and teacher who joined the department later on, the Department has kept making progress. The following famous academics have been associated with the Urdu department: Dr. Syed Abul Khair Kashfi, Dr. Farman Fatehpuri, Dr. Aslam Farrukhi, Prof. Jameel Akhtar Khan, Dr. Haneef Fauq, Dr. Younus Hasni, Shamim Ahmed, Prof. Sahar Ansari, Dr. Vaqar Ahmed Rizvi, Dr. Sidiqa Arman, Dr. Moinuddin Aqeel and Dr. Zafar Iqbal.

The department of Urdu has a prominent position in the University of Karachi for research. Over 100 Scholars have completed their Ph.D. research program and more than forty projects are in progress.

In addition to regular teaching and lectures, co-curricular, literary and academic activities and gatherings are also organized frequently.

### Career Opportunities

- Teaching, Print and Electronic Media
- Research & Academic Organizations
- Advertising (Copy Writing)
- Creative Writing, etc.

### Faculty Members

#### Professors

- Dr. Tanzeem-ul-Firdaus (*Chairperson*)
- Dr. Uzma Farman
- Dr. Rauf Parekh

#### Assistant Professors

- Dr. Rahat Afshan
- Dr. Safia Aftab
- Ms. Uzma Hasan
- Dr. Tehmina Abbas
- Dr. Sadaf Fatima
- Dr. Shama Afroz
- Dr. Muhammad Sajid Khan
- Dr. Sadaf Tabassum
- Dr. Ansar Ahmed
- Dr. Zakia Rani
- Dr. Khalid Ameen

#### Lecturers

- Mr. Muhammad Shakir
- Mr. Muhammad Salman
- Mr. Muhammad Rashid Ali Khan
- Ms. Ayesha Naz
- Ms. Atiya Huma Siddiqui

### Programs Available

- B.A. (Hons.)
- M.A.
- M.A. In Iqbaliyat (Iqbal Studies)
- M.A. (Linguistics)
- M. Phil. & Ph.D.

#### Certificate & Diploma Courses:

- One Year Certificate Course of Urdu Language for Foreigners
- One Year Professional Certificate Course (Teaching of Urdu).
- Two Year Diploma Course of Urdu Language for Foreigners
- Six Month Certificate Course in Urdu as Official Language (Daftari Urdu)

### For Further Enquiry

**Telephone:** 99261300-06 Ext-2287

**Website:** [www.uok.edu.pk/faculties/urdu](http://www.uok.edu.pk/faculties/urdu)

**Email:** [urdu@uok.edu.pk](mailto:urdu@uok.edu.pk)



## Department of

# Visual Studies

## Introduction

The department of Visual Studies has been graduating innovative and award winning designers, architects and artists who are making their mark in the professional world for over fourteen years. The Department sees itself as a bridge between tradition and innovation. Courses are interdisciplinary and contextualized. Students are encouraged to widen their experience and engage with the larger issues within which they will practice. A strong theory component alongside practical and professional courses distinguishes the curricula of the Department. A dedicated faculty supported by visiting faculty from professional fields and the University's own pool of excellent scholars, provides training that is current and professional.

## Facilities

- Computer lab
- 3-D Printer
- Wood Workshop
- Metal Workshop
- Photography Darkroom
- Sculpture Workshop
- Ceramic kilns and wheels
- Printmaking presses
- Weaving looms
- Silkscreen Darkroom
- Professional sewing machines
- Film editing studio
- Seminar Library including video library
- Links with professional facilities in the city

## Specific Research Areas

Over the years students have produced over five hundred 8000 word research dissertations in a wide range of cultural and design related areas. These include architecture, urban planning, heritage, crafts, fine art, Islamic art and culture, the environment, social psychology, typography, illustration, design, film, textiles.

Faculty research includes Urban Planning, Rural Development, Disaster Management, Cultural Theory, Sufism, History of Art, Media Studies, Islamic Civilization, History of Film, Philosophy, Psychology, Economic Revival of Traditional Crafts. All faculty are practicing professionals with a national or international profile.

The Department has its own publishing house, the Visual Studies Press, which has recently published its first book: *Communication Drawings. A beginner's guide to Graphical Language* by our faculty member Naji Akbar. Next publications by faculty members that are in process: *A comparative guide to Eastern and Western cultures* by Saqlain Zaidi, *A practical guide to Islamic Art* by Rizwanullah Khan.

## Career Opportunities

**Architecture:** Architectural Design, Architectural Research, Urban/Rural Planning, Interior Design, Historical Site Management, Landscape Architecture.

**Industrial Design:** Product Design, Furniture Design, TV/Film Set Design, Transport Systems, Exhibition Design, Interior Design, Signage System Design.

**Textile Design:** Print Design, Apparel Design, Interior Design, Craft Management, Set Design, Fashion Accessories, Stationary for Home Furnishing, Display System Design.

**Design & Media Arts:** Advertising, Exhibition Design, Information Graphics, Publishing, Editorial Design, Signage, Illustration, Photography, Creative Management, Animation, Motion Graphics, Film & Television Production.

**Ceramics & Glass:** Pottery, Crafts Management, Glassware, Interior Design Projects, Sculpture.

**Fine Art:** Art Practice, Art Criticism, Animation, Illustration, Set Design, Video, Art Administration, Art Restoration, Gallery Management, Miniature Painting, Museum Consultancy.

**Islamic Arts:** Museum Consultancy, Architectural Detailing, Islamic Patternmaking, Crafts Management, Miniature Painting, Book Binding, Art Research, Restoration, Calligraphy, Ceramics.

**Art History:** Art Critic, Museum Consultant, Researcher, Art Administration, Art Restoration, Gallery Owner, Art Restoration.

**MSDI:** Designer, Policy Maker, Consultant for NGO and INGO and Government Planning organizations.

## Faculty Members

- Ms. Durriya Kazi (*Incharge*)

## Assistant Professors

- Dr. Humaira Hussain
- Mr. Syed Shamoon Haider
- Mrs. Tania Nasir

## Lecturers

- Ms. Raheela Abro
- Arch. Wajiha Siddiqui
- 60 Visiting faculty members

## Programs Available

- B.Arch. (5 years)
- BFA (4 years), in one of the following:  
Fine Art / Islamic Arts / Art History
- B. Design (4 years), in one of the following:  
(Design & Media Arts: i) Graphic Design ii) Media Arts) / Textile Design/Industrial Design / Ceramics & Glass

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2239

**Website:** [www.uok.edu.pk/faculties/visualstudies](http://www.uok.edu.pk/faculties/visualstudies)

**Email:** [vs@uok.edu.pk](mailto:vs@uok.edu.pk)



**UNIVERSITY OF KARACHI**



**FACULTY OF  
EDUCATION**

# Department of Education

## Introduction

Department of Education was established in 1984. The main goal of the department is to prepare human capital in the field of education as teachers, educators, educational leaders and researchers. Innovative methods of teaching and learning, emerging techniques of research and material development in the field of education have made this department parallel with the international standards of Education.

## Facilities

The department of Education has a seminar library as its primary resource containing recently published books related to the disciplines of Education. Moreover, the library also contains extensive resource material for research at all levels of higher education. The department also offers hands on training regarding equipments and software to present research findings to the large faction of academia.

## Career Opportunities

Education is an important discipline in Social Sciences and Humanities. Therefore, graduate Students of Education have ample opportunities in the competitive job market at local and international levels. Research Industry, Media Career Counseling, Schools, Teacher Training Institutes, Human Resource Development Centers, Professional Institutes, UNICEF, UNESCO and NGO based organizations will be the possible job market for the graduates of education department.

## Specific Research Areas

- Research Methods in Education
- Educational Psychology
- Teaching Strategies
- Behavioral Management
- Curriculum Development
- Trends and Issues in Education
- Comparative Education
- Classroom Assessment, Test Development and Evaluation
- Guidance and Counseling
- Foundations of Education
- School Management and Community Development.

## Faculty Members

### Assistant Professors

- Dr. Rizwana Munir (*Incharge*)
- Dr. Naila Siddiqua
- Dr. Azizunnisa

## Programs Available

- B.A. (Hons.)
- M.A.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2267

**Website:** [www.uok.edu.pk/faculties/education](http://www.uok.edu.pk/faculties/education)

**Email:** [education@uok.edu.pk](mailto:education@uok.edu.pk)

## Department of

# Special Education

## Introduction

The vision of the Department of Special Education is that of an inclusive society in which all individuals are afforded equal access and opportunities that improve the quality of life. The mission of the department is to create such a society through innovative and collaborative personnel preparation, research and scholarly activity, and advocacy. The goal of the Department of Special Education is to provide university students with information and skills in working with persons with disabilities. The department provides Baccalaureate and Post Baccalaureate degrees in Special Education that prepares educators to become eligible for working in Special Education. Our faculty and staff are committed to preparing educators who desire to help children reach their potential.

## Facilities

The department has lecture and seminar rooms, audio visual room, as well as seminar library with most recent books. The department has equipment which provides practical work facilities to students as well as exposure of practical teaching at special schools.

## Specific Research Areas

- Five Major Disabilities (Visual Impairment, Learning Disabilities, Hearing Impairment, Physical Handicap, Mental Retardation).
- Disabilities and Psychology
- High & low incidence disability
- Professional services (Occupational Therapy, Physiotherapy, Speech Therapy).
- Teaching strategy (Curriculum Planning, Assessment and Management).
- Early Intervention
- Behavior Management
- Rehabilitation and Community
- Inclusive Education
- Teacher's Development
- Guidance & Counseling
- Vocational Education
- Educational programming
- Issues in Special Education
- Audiology
- Management and Leadership

## Career Opportunities

A career in Special Education is very rewarding. Careers for graduates from the Special Education department include teachers within general or special education settings, early intervention educators, adult service/workforce providers, for positions in clinical settings and careers with organization serving individuals with disabilities. Those in the Ph. D program often enter faculty positions in higher education. Programs are designed for students who desire to enter educational and human services professions.

## Faculty Members

### Professors

- Dr. Shagufta Shahzadi
- Dr. Nasir Sulman (*Dean, Faculty of Education*)

### Associate Professor

- Dr. Hemera Aziz (*Chairperson*)

### Assistant Professors

- Dr. Afshan Rahat
- Dr. Saira Saleem
- Dr. Shaista Naz

### Lecturers

- Ms. Sahar Yasmeen
- Ms. Saba Suleman

## Programs Available

- B.A. (Hons.)
- M.A.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261085

**Website:** [www.uok.edu.pk/faculties/specialeducation](http://www.uok.edu.pk/faculties/specialeducation)

**Email:** [specialeducation@uok.edu.pk](mailto:specialeducation@uok.edu.pk)

Department of

# Teacher Education

## Introduction

The Department of Teacher Education is a newly established program at the University of Karachi. The department offers B.Ed. 4 year program for the first time bringing a change in the scenario of Teacher Education in the country. The department aims at providing high quality teachers in line with National Professional Standards for Teachers in Pakistan for developing teachers for 21<sup>st</sup> century as reflective professionals.

## Facilities

The program is being run under the supervision of Dean, Faculty of Education, University of Karachi. The program has a seminar library with all recent reading materials and teacher aids. Furthermore the students enrolled in the program can benefit from all centralized student support services available at the University of Karachi.

## Career Opportunities

Teaching is one of the most widespread with ample opportunities for Continuous Professional Development. B.Ed. (Hons.) is a pre-service degree for prospective teachers. The graduates of this program can serve at beginner, mid-career and senior professional career ladder such as Elementary and Secondary School Teachers, Academic Coordinators, Educational Evaluators, Educational Managers, Curriculum Developers, Educational Researchers, Teacher Educators and Master Trainers, both at Government and NGO levels.

## Specific Research Areas

- Child Development
- General Methods of Teaching
- Classroom Management
- Classroom Assessment, Test Development & Evaluation
- School, community and Teacher
- Foundations of Education
- Educational Psychology
- Guidance and Counseling
- Research Methods in Education
- School Management
- Curriculum Development
- Trends and contemporary issues in Education
- Comparative Education

## Faculty Members

### Assistant Professors

- Dr. Safia Urooj (*Incharge*)
- Dr. Imtiaz Ahmad
- Dr. Muhammad Asim

### Lecturer

- Mr. Intizar Hussain

## Programs Available

- B.Ed.(Hons.) (4 year Program after Intermediate)
- B.Ed. (Hons. 2 year program) after ADE

## For Further Enquiry

**Telephone:** 99261300-06 Ext.2550  
021-99261062 (*Direct*)

**Website:** [www.uok.edu.pk/faculties/teachereducation](http://www.uok.edu.pk/faculties/teachereducation)

**Email:** [dte@uok.edu.pk](mailto:dte@uok.edu.pk)



**UNIVERSITY OF KARACHI**



**FACULTY OF  
ISLAMIC STUDIES**

## Department of

# Islamic Learning

## Introduction

Department of Islamic Learning is one of the oldest departments of the University of Karachi and was founded in 1954 to fulfill the need of scholars of Islamic studies in various institutions of Islamic Republic of Pakistan. The department aims to promote the study of Islamic thought and offers an opportunity to study Islam on Graduate and Post-Graduate level. The M. Phil. and Ph.D. program in the department of Islamic learning covers the general areas of Islamic Studies with special focus on the modern and contemporary issues. The area of Islamic thought, Islamic Economics, Comparative Religion, Islamic Sociology and Muslim Political thought are also pursued in the Ph.D. Program.

The department is situated in the beautiful building of Islamic Studies near Masjid-i-Ibrahim. In this department students are learn Islamic sciences like Tafseer, Hadith, Seerah, History, Islamic Jurisprudence, Principles of Islamic Jurisprudence, Mysticism, Ethics, Philosophy and Arabic. The department is producing scholars for educational, religious and social institutions for the country and abroad.

## Facilities

The Seminar Library provides a valuable resource of bibliographical and reference works, news sources, and current periodicals on Islam and Muslim World.

## Specific Research Areas

The faculty members of the department of Islamic Studies are engaged in research projects funded by the university as well as in an individual capacity. Their research articles are published in the journal of the faculty and in the reputed journals of Islamic Studies in Pakistan and abroad. The faculty members of the department also participate in the debate, discussions and talk-shows of different television channels and provide their views on different national and international issues of Islam and Muslim Ummah.

## Career Opportunities

Students passing out from this department provide their services to educational institutions, research institutes, religious institutions and armed forces.

## Faculty Members

### Associate Professor

- Dr. Zahid Ali Zahidi (*Chairman*)

### Assistant Professors

- Dr. Nasiruddin
- Dr. Taj Muhammad
- Dr. Muhammad Atif Aslam
- Dr. Jawad Haider
- Dr. Umair Mehmood Siddiqi

## Programs Available

- B.A.(Hons.)
- Master in Islamic Learning
- Master in Islamic Banking & Finance
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2390

**Website:** [www.uok.edu.pk/faculties/islamiclearning](http://www.uok.edu.pk/faculties/islamiclearning)

**Email:** [isl@uok.edu.pk](mailto:isl@uok.edu.pk)

Department of

# Qur'an and Sunnah

## Introduction

The Department has been established in 2000. BS, Masters and M.Phil. / Ph.D. Degree Programmes are available in this department. All the Students who have passed F.A / B.A. or Shahadat ul Aliya from Wafaq ul Madaris and other Madaris are eligible for admission in Masters Program. Those candidates who have done only Shahadat ul Aliya will be offered for additional subjects i.e. English , Pakistan Studies , Urdu and Islamic Studies compulsory.

## Specific Research Areas

The research activities in the department are remarkable such as:

- To write thesis on M.A. level is a part of research activities.
- At least 50 candidates have successfully completed their Ph.D. research since the establishment of this department in 2000.
- More than a hundred students have been enrolled in M. Phil. /Ph.D.

## Career Opportunities

After passing BS , M.A. , and M.Phil. & Ph.D. there is vast scope in Schools, Colleges, Universities, Banks and Madarsas.

## Faculty Members

### Associate Professors

- Dr. Shahnaz Ghazi (*Chairperson*)
- Dr. Zeenat Haroon

### Assistant Professors

- Dr. Mufti Imran-ul-Haq Kalyanvi
- Dr. Syed Ghazanfar Ahmed

## Programs Available

- M.A.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2324

**Website:** [www.uok.edu.pk/faculties/quranwasunnah](http://www.uok.edu.pk/faculties/quranwasunnah)

**Email:** [qs@uok.edu.pk](mailto:qs@uok.edu.pk)



Department of

# Usool-ud-Din

## Introduction

Department of Usool-ud-Din was established in 2000 to fulfill the need of scholars of Islamic Studies in various institutes of Islamic Republic of Pakistan. Islamic Sciences like Tafseer, Hadith, Seerah & History, Islamic Psychology, Al-Ghaz wu Fikri, Tahreek-e-Istishraak, Hikmat ut Tashri, Mashaheer Mufakreen, Mazahib al Fiqria and Arabic are some of the courses that are being taught at the Department.

## Facilities

The students of the department use the seminar library, a facility of the faculty of Islamic studies where a good collection of books and journals on Islamic Studies are available. The Faculty of Islamic Studies also has a computer lab for teaching and research activities.

## Specific Research Areas

All the topics related to Islam and its fundamental principles are the area of research.

## Career Opportunities

After passing M.A. there is vast scope in Schools, Colleges, Universities, Madaras as teachers, as well as in other national and multinational institutions as *Sarri'ah* experts. Students passing out from this department are serving in educational institutions, research institutes, religious institutions and armed forces. Master or B.S. Degree holders can apply for any post of Grade-17.

## Faculty Members

### Associate Professor

- Dr. Obaid Ahmed Khan (Chairman)

### Assistant Professor

- Dr. Hafiz M. Ismail

## Programs Available

- B.A.(Hons.)
- M. A.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2220

**Website:** [www.uok.edu.pk/faculties/usooluddin](http://www.uok.edu.pk/faculties/usooluddin)

**Email:** [uud@uok.edu.pk](mailto:uud@uok.edu.pk)



**UNIVERSITY OF KARACHI**



**FACULTY OF  
LAW**

# School of Law

## Introduction

Education is the foundation of knowledge and knowledge is the light which shuns the darkness of ignorance. Legal education is also a vital part of that phenomenon as through this education a civilized and organized society comes into existence. Legal education is still very popular and bound to become so with job opportunities of law persons increasing consequently upon economic liberalization and globalization of legal services. However the present organization of legal education is not able to cater to the needs and demands which are changing from time to time. With this end in view the University of Karachi has established its School of Law with the following aims and objectives.

- To train law students in the real dynamics of what will be the real relevant decisional structure, influencing their outcome and in assisting other people in changing goals and developing strategies to achieve these goals in diverse contexts.
- To give quality education in law.
- To provide sound knowledge and training in the legal theory and practice to fulfill the requirements for the legal profession and administrative jobs.
- To equip the law students with specialized legal studies relating to commercial, business and public affairs so that a product of such education would be able to contribute towards national development and social change in a much more constructive manner.

## Facilities

Today library is said to be the 'heart of law school' and one of the most important element in training law students and in providing faculty members with materials for research and study. School of Law has one of the finest Seminar Library containing Law Reports, Text Books and Law Journals.

The Computer Lab is equipped with high speed computers, printers and scanner facilities. Audio/Visual aids including multimedia option are used during presentation/ lectures.

## Clinical Legal Education

At present the traditional system of legal education which concentrates much on reading of books, class

room lectures and little on moot courts and court visits etc does not meet the requirement of the modern education. Therefore for the development of scientific temperament of the students empirical approach is being followed in the Faculty by giving due importance to clinical legal education.

## Career Opportunities

The demand for lawyers with expertise will continue to grow with the passage of time. The legal field is constantly redefining itself by adding new areas to the practice. For every job in law, analytical ability, research, writing skills, and the knowledge of the basic differences in the world's legal systems as well as their political and cultural contexts is essential.

The available career paths for a lawyer can be broken down into law firms, federal government, corporate counsel, international organizations and non-profit groups.

**Note:** The terms and conditions imposed by the Pakistan Bar Council as amended from time to time shall be binding on all students.

## Faculty Member

### Professor

- Dr. Ghous Muhammad  
(Dean Faculty of Law & Director)

## Programs Available

- B.A./LLB (5 Years)
- LLM (2 Years) (Evening)

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2464

**Website:** [www.uok.edu.pk](http://www.uok.edu.pk)

**Email:** [school.law@uok.edu.pk](mailto:school.law@uok.edu.pk)



**UNIVERSITY OF KARACHI**



**FACULTY OF  
PHARMACY AND  
PHARMACEUTICAL SCIENCE**

Department of

# Pharmacognosy

## Introduction

The department of Pharmacognosy was established under faculty of pharmacy in 1973. Since inception the department has been serving as a back bone for the various branches of pharmaceutical sciences.

Pharmacognosy derives its origin from two Greek words, *pharmakon* (drug), and *gnosis* (knowledge). It is the study of natural bioactive substances obtained from terrestrial and marine plants, animals, microbes and minerals, for their physical, chemical, biochemical and biological properties, their taxonomy and ethnobiology. Pharmacognosy is one of the major areas of pharmaceutical sciences, a highly interdisciplinary science, linked to phytochemistry, microbial chemistry, biosynthesis, biotransformation, chemotax-onomy, biotechnology and other biological and chemical sciences. Research in Pharmacognosy provides for the discovery of lead compounds for drug development, new methods of analysis for drugs, toxins and herbal preparations.

The objective of the department of Pharmacognosy is to educate students about the natural sources of medicines, their pharmacognostic and phytopharmacological attributes, chemical and spectroscopic profile of isolated molecules and their development as modern pharmaceutical products.

During the past five decades it shared with the other departments to produce more than 5000 B.Pharm and about 1885 Doctor of Pharmacy graduates. The department of Pharmacognosy always endeavored to promote higher education which resulted in 57 M. Pharm, 45 M. Phil and 55 Ph.D. graduates. The active faculty members collectively produced more than 28 books, wrote hundreds of research papers in well reputed journals at national and international levels.

## Facilities

The department has three labs at under graduate level and two graduate level. These are well equipped to conduct the lab work at both levels. The students can work on latest spectrophotometer, PCR, HPLC, lyophilizer, rotary evaporator, incubator, oven, flash chromatography, distillation assembly, two channel recorder, Plethysmometer, Analgesia meter and soxhlet apparatus.

## Specific Research Areas

Natural products, clinical studies, standardization of herbal products, formulations, isolation of natural products, analysis of marine and terrestrial flora and fauna, ethnopharmacognosy, natural toxicants, nutraceuticals, cosmeceuticals.

## Career Opportunities

The graduates from various programs offered by the department can work in both modern and herbal pharmaceutical organizations, ministry of health, WHO, various drug regulatory bodies, research organizations and teaching institutions.

## Faculty Members

### Professor

- Dr. Iqbal Azhar  
(Dean Pharmacy and Pharmaceutical Sciences)

### Associate Professor

- Dr. Muhammad Mohtasheem ul Hasan  
(Chairman)

### Assistant Professor

- Ms. Farah Mazhar

### Lecturers

- Mr. Salman Ahmed
- Ms. Safia Abidi

## Programs Available

- Doctor of Pharmacy (Pharm. D)
- M. Pharm.
- M. Phil.
- Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2202

**Website:** [www.uok.edu.pk/faculties/pharmacognosy](http://www.uok.edu.pk/faculties/pharmacognosy)

**Email:** [Pharmacognosy@uok.edu.pk](mailto:Pharmacognosy@uok.edu.pk)

## Department of

# Pharmacology

### Introduction

The Department of Pharmacology has been one of the important Departments in the Faculty of Pharmacy & pharmaceutical Sciences since 1973, not only sharing a major load at the under graduate level but also preparing students to fill the gap by suitably qualified manpower in the field of Pharmacy at Post graduate levels. The current expansion of the Department and graduate programs in the areas of modern pharmacology including Neuropharmacology, Toxicology and Biochemical Pharmacology and Pharmacology of natural products will be expected to place the Department among high research ranking Departments of the University.

The major academic objectives of the Department are to facilitate basic and applied research, educate undergraduate and graduate students in various disciplines to achieve academic excellence. Department of Pharmacology has so far produced the highest number of Ph.Ds in the faculty of Pharmacy & Pharmaceutical Sciences, and a large number of M. Pharm. MS. & M. Phil students. The Department is composed of highly competent primary faculty, research faculty and technical support staff.

### Facilities

- The Department of Pharmacology laboratories are well equipped to conduct the experimental courses of Pharmacology, Physiology, Biochemistry and Pathology.
- Separate Research labs are also available for research students equipped with instruments required for research work.
- Computer and internet facilities have been provided so students can have easy access to latest information and data.

### Specific Research Areas

- Neuropharmacology
- Toxicology
- Biochemical Pharmacology
- Cardio vascular pharmacology
- Psychopharmacology
- Pharmacology of natural products

### Career Opportunities

After completion of M. Pharm / MS / M. Phil. & Ph.D. in the field of Pharmacology successful,

candidates will be able to perform duties in following areas:

- Research
- Education
- Hospital Pharmacies
- Pharmaceutical Industry
- Drug testing laboratories

### Faculty Members

#### Professors

- Dr. Rafeeq Alam Khan  
(*Meritorious Professor & Chairman*)
- Dr. Rahela Ikram

#### Associate Professors

- Dr. Syeda Afroz
- Dr. Afshan Siddiq

#### Assistant Professors

- Dr. Sadia Ghousia Baig
- Dr. Nuzhat Sultana
- Dr. Azra Riaz
- Dr. Saira Saeed Khan
- Dr. Shadab Ahmed
- Ms. Tasneem Mariam Sajid

### Programs Available

- M. Pharm / MS / M. Phil. & Ph.D.

### For Further Enquiry

**Telephone:** 99261300-06 Ext-2206

**Website:** [www.uok.edu.pk/faculties/pharmacology](http://www.uok.edu.pk/faculties/pharmacology)

**Email:** [pharmacology@uok.edu.pk](mailto:pharmacology@uok.edu.pk)

## Department of

# Pharmaceutical Chemistry

## Introduction

Department of Pharmaceutical Chemistry is one of the most important academic units of the Faculty of Pharmacy. This department deals with the Physical and Chemical aspects of Pharmaceuticals, so as to inculcate students with the understanding of drug designing, drug development, quality control, drug stability, pharmacokinetics and principles and methods of analysis. At the graduate level, courses are designed to equip the students with strong background of the subject and provide in-depth knowledge of chemistry related to physiology, pharmacology, biochemistry and molecular biology. At present there are twelve full-time Faculty members among which eight are Ph.D. degree holders.

## Facilities

Department is dedicated to provide sound education in the field of pharmaceutical chemistry. The curriculum focuses on laboratory experience supported by highly qualified and experienced professionals with well equipped labs. Presently three labs are working dealing with synthesis, analytical and instrumental experimental work. For postgraduate students, two full fledged research labs are operating in the Research Institute of Pharmaceutical Sciences (RIPS) providing facilities regarding drug designing, drug development, drug stability, and analysis and method development.

## Specific Research Areas

Department of Pharmaceutical Chemistry offers M. Phil, and Ph.D. programs to the graduate students. Experienced and actively growing research groups are working in the disciplines of drug designing and development, product and process development of drug, analytical aspects of drug, kinetic studies and drug stability. Groups of researchers are working with different research institutes, industries and organizations which promote many areas of collaborative research studies. Department has the honor of producing the first M.Pharm, the first M. Phil., the first Ph.D. of this Faculty and up till now 30 Ph.D's and more than 75 M.Pharms and M. Phils have been produced by the department.

## Career Opportunities

Pharmacists have varied and tremendous career opportunities. They can go in production, quality control, marketing and regulatory affairs department of different pharmaceutical industries. They can also work as a part of a healthcare team comprising doctors, pharmacists and paramedical staff. As part of this team they can play an effective role as a drug expert able to select best treatments for managing patient care. Apart from these, there is a number of opportunities available in administrative and general management sites in government health department. One option available to pharmacists with higher degree is that they can join teaching and research in Universities and other research organizations.

## Faculty Members

### Professors

- Dr. Shamim Akhtar (*Chairperson*)
- Dr. Faiyaz H. M. Vaid
- Dr. Afaq Ahmad Siddiqui
- Dr. Mansoor Ahmed
- Dr. Nousheen Mushtaq

### Associate Professors

- Dr. Sohail Hassan
- Dr. Asia Naz

### Assistant Professors

- Mr. Ameer Hassan
- Dr. Shazia Haider

### Lecturers

- Ms. Rubina Siddiqui
- Ms. Urooj Nazim

## Programs Available

- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext-2203

**Website:** [www.uok.edu.pk/faculties/pharmaceuticalchemistry](http://www.uok.edu.pk/faculties/pharmaceuticalchemistry)

**Email:** [pc@uok.edu.pk](mailto:pc@uok.edu.pk)

## Department of

# Pharmaceutics

### Introduction

The department covers 24 courses spread over five years of Pharm-D. program. The department is actively involved in pharmaceutical research that covers all aspects of pharmaceutical sciences offering M.Pharm and Ph.D. programs. Till date, the department has produced 100 M. Phil, 172 M. Pharm and 35 Ph.D. scholars in different disciplines of pharmaceutics.

The department of Pharmaceutics has its history as old as the history of the faculty of pharmacy itself. The Faculty of Pharmacy was first founded in 1964 as a department under the faculty of science in University of Karachi by the now known as Father of Pharmacy Professor Dr. S.M.S. Zoha. In the year 1973, the status of the department was approved as a faculty with four distinctive departments one of which was the department of pharmaceutics.

### Facilities

- Laboratories
- Research Laboratories
- Computer Laboratory
- Seminar Library

### Specific Research Areas

- Formulation Development
- Formulation optimization and improvisation
- Pharmaceutical Microbiology
- Novel drug delivery system
- Nanotechnology
- Bio-Pharmaceutics and Pharmacokinetics
- Bioavailability
- Physical Pharmacy
- Clinical Pharmacy and Pharmacy Practice

### Career Opportunities

The scope of pharmacy all over the world is very promising in which the graduate in pharmacy find himself in a very prestigious and professional status to serve the society in different disciplines of the field as a health care professional. After obtaining graduation degree from the faculty of pharmacy the students have the opportunity to join hospitals where they would be drug experts taking right decisions about the safe use of medicine, in community as one of the beneficial members of the society, and in pharmaceutical industries that have the largest

proportion of openings in different departments of the industry. Similarly, he could also join governmental jobs where he regulates the drug portfolio and establishes policies regarding the drug usage and regulatory matters, in pharmaceutical journalism, in academia where he would be in a highly prestigious assignment to train and produce more pharmacists. A pharmacist would also find good opportunities in research and development where one can satisfy his enthusiasm to participate in pharmaceutical research as a scientist. And that is not all; there are too many job opportunities and career enhancing chances for pharmacist abroad.

### Faculty Members

#### Professor

- Dr. Muhammad Harris Shoaib (*Chairman*)

#### Associate Professors

- Dr. S. M. Farid Hassan
- Dr. Rabia Ismail Yousuf
- Dr. Iyad Naeem Muhammad
- Dr. Farya Zafar

#### Assistant Professors

- Mrs. Sabahat Jabeen
- Mrs. Rehana Saeed

#### Lecturers

- Ms. Sadaf Farooqi
- Mr. Kamran Ahmed
- Ms. Faaiza Qazi
- Ms. Hafsa Nasar
- Ms. Tazeen Husain
- Mr. Farrukh Rafiq Ahmed

### Programs Available

- M. Pharm
- M. Phil. & Ph.D.

### For Further Enquiry

**Telephone:** 99261300-07

**Website:** [www.uok.edu.pk/faculties/pharmaceutics](http://www.uok.edu.pk/faculties/pharmaceutics)

**Email:** [pharmaceutics@uok.edu.pk](mailto:pharmaceutics@uok.edu.pk)





**UNIVERSITY OF KARACHI**



**FACULTY OF  
MANAGEMENT AND  
ADMINISTRATIVE SCIENCE**

## Karachi University

# Business School

## Introduction

Karachi University Business School (KUBS) was established in 1999-2000 after Institute of Business Administration (IBA a constituent of University of Karachi) was declared autonomous degree awarding institution.

KUBS within short period of time has become a well-established institution with good reputation and high image in the business world. KUBS is presently offering a number of programs, namely BBA Four Years (Morning), BS (Business Administration) Two Years after graduation (Evening), MBA Three & a Half Year (Morning), MBA One & a Half Year, MBA Two & a Half Year, MBA Executive Two & a Half Year program and MS program. KUBS also provides wide ranging exemption from different renowned bodies.

The mission of KUBS is to educate the leaders who make a difference in this time of extraordinary change throughout the world. We, at KUBS, are committed to impart general management education focusing on building a deep understanding of business, teaching with skill and passion. We intend to imbibe a spirit of entrepreneurship and creativity among our students and prepare them for a global community that is increasingly reliant on technology.

KUBS was recently awarded the **Asia's 2<sup>nd</sup> Best Business School Award** under the category of "Innovation Leadership Award" for its tremendous contribution to the field of Business Management in the form of its high achieving graduates who are working in various reputable organizations across the globe. Business schools from 25 countries were nominated and awarded under various categories.

## Facilities

Karachi University Business School (KUBS) is located in newly built, spacious and well equipped building. KUBS provides industry specific learning experience based on Pakistan business environment.

A large number of books can be borrowed from

department's library. Students can also consult Dr. Mahmood Hussain Library that has a good number of books on business and professional journals. KUBS also houses a well-established Ph.D. & Research Program.

## Career Opportunities

Great opportunities in the field of Banking, Finance, and Marketing in national and multinational organizations are available and our graduates are in great demand and highly paid jobs are offered to them with swift placement.

## Faculty Members

### Professor

- Dr. Tahir Ali  
(Dean Faculty of Management & Administrative Sciences)

### Associate Professors

- Dr. Danish Ahmed Siddiqui (*Chairman*)
- Dr. Muhammad Asim

### Assistant Professors

- Ms. Shahnaz Baloch
- Dr. Shameel Ahmed Zubairi
- Mr. Shaikh Muhammad Fakhre Alam Siddiqui

### Lecturers

- Ms. Kausar Qureshi
- Ms. Syeda Nazneen Waseem
- Mr. Omar Ahmed Shaikh
- Mr. Sohaib uz Zaman
- Ms. Sarah Anjum
- Ms. Sidra Farooq
- Mr. Hammad Zafar
- Mr. Muhammad Muzammil

## Programs Available

- BBA (4 Years)
- MBA (3.5 Years)
- M.S. & Ph.D.

## For Further Enquiry

**Telephone:** 021-99261185

**Website:** [www.uok.edu.pk/faculties/businessadministration](http://www.uok.edu.pk/faculties/businessadministration)

**Email:** [kubs@uok.edu.pk](mailto:kubs@uok.edu.pk)

Department of

# Commerce

## Introduction

The department of Commerce has been imparting quality research oriented business education since 1974. In order to keep pace with the dynamic world of business and business education, the department of Commerce has brought a change in its curriculum which is in compliance with the courses which are demanded in the business world. The students are capable of acquiring good jobs both at national and international level.

The department has been instrumental in providing candidates with thorough knowledge and understanding of the principles of commerce and business.

## Career Opportunities

The mission of the department of Commerce is to equip students with analytical tools required for business management in the contemporary competitive world and to provide students with opportunities to explore new business vistas.

## Faculty Members

### Assistant Professors

- Ms. Zaeema Asrar Mohiuddin (Incharge)
- Dr. Hasan Raza
- Dr. Sadaf Mustafa
- Mr. Muhammad Arfeen Siddiqui

### Lecturers

- Ms. Ayesha Fareed
- Mr. Muhammad Farrukh Aslam

## Programs Available

- BS (4 years)
- M.Com.
- MS, M.Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6

**Website:** [www.uok.edu.pk/faculties/commerce](http://www.uok.edu.pk/faculties/commerce)

**Email:** [commerce@uok.edu.pk](mailto:commerce@uok.edu.pk)

Department of

# Public Administration

## Introduction

The department of Public Administration prepares exceptional students for leadership positions in government, business and civil society. With its academic programs emphasizing academic excellence and practical orientation, the department has quickly occupied a unique position in the University of Karachi after being established formally as a department in the year 1995. The objective of DPA is to approach the issues relating to the stewardship of common goods with an interdisciplinary approach, and tries to work at the intersection of economics, business, law, political and social sciences.

## Career Opportunities

The department of Public Administration aims to cater to the need of the times, and to impart such skills to its graduates who can be called upon under ever-changing circumstances. Having received training in leadership skills, sociopolitical analysis and management, the graduates of our department are serving at leading positions within the public and corporate sector, academia, research institutions and media.

## Specific Research Areas

The department of Public Administration conducts analytically rigorous and theoretically informed research within the following fields:

- Governance and Globalization
- Public Policy and Policy Analysis
- Local Government Financial Management
- Marketing Management
- Human Resource Management

## Facilities

The newly constructed state-of-the-art building houses not only multiple lecture rooms and the faculty offices (while offering significant flexible space for staff and students) but also has: Conference Hall and Common Rooms, Well-equipped Computer Lab, Seminar Library housing relevant books, journals and academic literature Research Lab.

## Faculty Members

### Professors

- Dr. Akhtar Baloch
- Dr. Khalid M. Iraqi (*Chairman*)
- Dr. Syed Shabib ul Hassan

### Assistant Professors

- Dr. Syed Shahid Zaheer Zaidi
- Dr. Saima Akhter
- Dr. Ghazal Khawaja

### Lecturers

- Mr. Mustafa Hyder
- Ms. Tehmina Faisal

## Programs Available

### Morning Program

- BPA (Hons.)
- MPA
- M. Phil. & Ph.D.

### Evening Program Degree Program

- BPA (Hons.)

### Masters Programs

- MPA
- MAS
- MHRM
- MSCM

### Diploma Programs

- PGD HRM
- PGDPA
- PGDPA & PPA
- PGDSCM

## For Further Enquiry

**Telephone:** 99261300-6 Ext-2383

**Website:** [www.uok.edu.pk/faculties/publicadministration](http://www.uok.edu.pk/faculties/publicadministration)

**Email:** [dpa@uok.edu.pk](mailto:dpa@uok.edu.pk)



**UNIVERSITY OF KARACHI**



**FACULTY OF  
ENGINEERING**

Department of

# Chemical Engineering

## Introduction

Bachelor of Chemical Technology programme was initiated in 1987 in the Department of Applied Chemistry. The programme was upgraded and the Department of Chemical Engineering / Technology was established in 2004. Since 2007 Department of Chemical Engineering has been providing teaching and training facilities in the field of Chemical Engineering to undergraduate students. Its graduates are being accredited by Pakistan Engineering Council (PEC).

Chemical Engineering deals with the application of natural and mathematical science for the conversion of raw material on Industrial scale into compatible marketable products without polluting the environment.

The syllabus has been designed to provide maximum emphasis on core Chemical Engineering subjects. However there are also several courses on interdisciplinary Engineering subjects. The syllabus approved by various statutory bodies of Karachi University is in line with the recommendations of HEC/PEC.

## Facilities

The department is equipped with appropriate number of laboratories and workshop facilities to conduct practicals as per prescribed course outline.

## Career Opportunities

There exists a wide scope of employment opportunities for Chemical Engineers from International companies to small locally based industries, from Petro-chemicals to Textiles.

## Faculty Members

### Assistant Professors

- Dr. Shagufta Ishtiaque (*Incharge*)
- Dr. Muhammad Yasir Khan
- Engr. Mr. Adeel ur Rehman

### Lecturers

- Engr. Mr. Saqib Ali
- Engr. Mr. Furqan Ali
- Engr. Mr. Kashif Hussain
- Ms. Kehkashan Nawaz
- Engr. Mr. Ahsan Abdul Ghani
- Engr. Ms. Mehwish Altaf
- Mr. Obaid ur Rehman
- Mr. Muhammad Shoaib Salim

## Program Available

- B.E. in Chemical Engineering

## For Further Enquiry

**Telephone:** 99261300-06 Ext-2535

**Website:** [www.uok.edu.pk/faculties/chemicalengineering](http://www.uok.edu.pk/faculties/chemicalengineering)

**Email:** [ct@uok.edu.pk](mailto:ct@uok.edu.pk)



**UNIVERSITY OF KARACHI**



**FACULTY OF  
SCIENCE**

Department of

# Agriculture & Agribusiness Management

## Introduction

The department of Agriculture launched BS-Program in Agriculture in 2004 and acquired the status of the department in 2006. It was renamed as the Department of Agriculture and Agribusiness Management in 2008. The Department offers specializations in agribusiness management, plant protection and plant pathology.

Agribusiness is an important and ever expanding industry in Pakistan. It combines the study of agricultural sciences with the management skills providing an understanding of economic and business principles and their application to Agribusiness.

The program aims to develop a range of personal and transferable skills and critical appreciation of the techniques to assist effective execution of the agribusiness management function.

It cannot be denied that the implementation of proper pest and disease management strategies can be helpful in increasing the crop yield and ultimately boost the economy of the country. The courses offered for specialization in plant pathology or plant protection enable the students to acquire in-depth knowledge of pest and diseases affecting crop, vegetable, fruit and ornamental plants in the country and make them aware of the management strategies to overcome the problem.

## Career Opportunities

Specialization in Agribusiness management is helpful in getting jobs in farm business related to national and multinational organizations as managers, consultants, supply chain coordinators and accountants. It also provides an opportunity to enter self-employment immediately after graduating, largely within the farming or food sectors.

Students specializing in plant protection or plant pathology have job opportunities in various research organizations like plant protection, PARC, PCSIR, NIAB, NIA, ARI etc. They can also get jobs in plant and pesticide related national and multinational organizations.

## Specific Research Areas

The department is actively engaged in research related to Entomology, Mycology, Plant Pathology and Agribusiness. Several research students are also enrolled for M. Phil. & Ph.D. programs. Faculty members and research students regularly publish research papers in journals of national and international repute.

## Facilities

The department is well equipped with modern teaching aids. It also has facilities for research on topics related to fields of entomology, mycology, plant pathology and Agribusiness. The department's seminar library has a good collection of books related to agriculture and agribusiness that students can have easy access to.

## Faculty Members

### Professor

- Dr. Saleem Shahzad

### Associate Professor

- Dr. Saboohi Raza (*Chairperson*)

### Assistant Professors

- Dr. Muhammad Faheem Akbar
- Dr. Amjad Sultan

### Lecturers

- Mr. Muhammad Talha Azeem
- Mr. Shahan Aziz
- Ms. Shugufta Sahar

## Programs Available

- BS with specialization in Agribusiness, Management or Plant Protection and Plant Pathology
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 9926261300-6 Ext. 2546

**Website:** [www.uok.edu.pk/faculties/agriculture](http://www.uok.edu.pk/faculties/agriculture)

**Email:** [razasaboohi@uok.edu.pk](mailto:razasaboohi@uok.edu.pk)



Department of

# Applied Chemistry & Chemical Technology

## Introduction

The department of Applied Chemistry and Chemical Technology was established in 1971 and was shifted to its new building in 1987. The courses have been designed keeping in view the need of the chemical industries of Pakistan and with due consideration of courses of foreign and local universities offering similar programs. Special emphasis has been put on important chemical industries in Pakistan, for instance, fertilizers, refineries, cement, sugar, polymers, pharmaceuticals, textiles, etc. Due consideration has been given to important aspects of chemical engineering like unit operations, unit processes, quality control & instrumentation, thermodynamics reaction engineering, design engineering, material engineering, maintenance and environmental engineering, etc. Hence it is hoped that the graduates of this department will meet the needs of the chemical industries of Pakistan and abroad.

## Career Opportunities

Excellent job opportunities exist in industries in Pakistan and abroad, and excellent research opportunities exist within the department.

## Facilities

Seminar Library equipped with most recent books on various subjects, E-Library, Computer Lab with DSL internet accessing facility, state of the art laboratories for undergraduate and graduate level courses.

## Faculty Members

### Professor

- Dr. Mehdi Hasan Kazmi (*Chairman*)

### Associate Professor

- Dr. Riaz Ahmed

### Assistant Professors

- Dr. M. Ashraf Kamal
- Mrs. Shagufta Afaq
- Dr. Mohib Raza Kazmi
- Dr. Mumtaz Danish Naqvi
- Ms. Farah Inamullah
- Dr. Sadia Khan
- Dr. Zeeshan Akhter
- Mr. Zahid Farhad
- Dr. Syed Adnan Hasan
- Dr. Syed Imran Ali
- Mrs. Nausheen Yaseen
- Mrs. Mahwish Mobin Khan
- Mr. Rizwan Qasim

### Lecturers

- Ms. Sadia Amber
- Mrs. Marium Mudassir
- Mr. Kashif Riaz

## Programs Available

- B.Sc. (Hons.)
- M. Sc.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext. 2279

**Website:** [www.dacct.com](http://www.dacct.com)

[www.uok.edu.pk/faculties/appliedchemistry](http://www.uok.edu.pk/faculties/appliedchemistry)

**Email:** [ach@uok.edu.pk](mailto:ach@uok.edu.pk)

## Department of

# Applied Physics

## Introduction

The Applied Physics department was established in 1971. The objective was to teach and train students to meet the growing technological needs of the industries of Pakistan in the area of Applied Physics. Over the years emphasis has shifted toward Electronics and semiconductor technology because of the growing demand of technologically advanced industries in Pakistan. The syllabus has been continually updated to keep abreast with development in the technology.

Our objective is to prepare students to take on challenges of the fast growing technologies in the field of Electronics and Semiconductors. The curriculum provides in depth understanding of the subject such as Analog and Digital Electronics, Industrial Electronics, Semiconductor Devices, Communication systems including Microwave and optical fiber communications.

Microprocessor / Microcontroller and Digital Signal processors (DSP) are hubs of intelligent electronic systems including computers and almost all state-of-the-art equipment used in communications. Industrial and Medical applications also use these devices. A comprehensive scheme of study and application is provided for these subjects.

To teach practical aspect of electronics and give hands-on experience, laboratories have been equipped with latest equipment. Students are required to spend a considerable time in the laboratories to develop in depth understanding of the subject they study in classes. For this purpose separate laboratory courses are designed. The laboratory training begins with circuits related to basic Analog Electronics, progressively performing experiments on Digital Electronics, Industrial Electronics and finally developing a single board computer based on microcontroller. The students are also trained on Programmable Logic Controllers (PLC) through the use of software and hardware simulators. Similarly, they are trained in the field of communication using Communication training kits.

## Facilities

There has been continuous up-gradation of laboratories in the department. In addition to general purpose laboratories where students perform experiments on circuits based on Analog and Digital Electronics, separate laboratories are established for

training. These include *Computer Laboratory* which is equipped with latest branded computers connected through LAN. *Communication Laboratory* has trainers to train students on Microwave and Optical fiber communication systems. *Programmable Logic Controller (PLC)* is equipped with PLCs from Siemens

and Ge-Fanuc. Students use Software and Hardware simulators to develop and verify programs. Cargo lift, Conveyor belt and process models have been developed indigenously that are controlled by the PLC. **Embedded systems laboratory** is facilitated with software and hardware tools such as VHDL, Electronic Design automation to develop embedded systems. Computer Controlled (CNC) PCB prototyping machine, Logic Analyzer, FPGA and DSP kits are available for development of applications. *Semiconductor Research Lab*, has instruments such as thin film coating unit, CV analyzer, Spectrometer, Lock-In-Amplifiers etc. for research in the field of semiconductor.

## Career Opportunities

A wide range of employment opportunities are available to the graduates of the Applied Physics, from public sector organizations to multinational and national industries and research organizations.

## Faculty Members

### Assistant Professors

- Ms. Farida Farrukh
- Mr. Abid Hussain (*Incharge*)
- Mr. Arshad Hussain
- Dr. Zeeshan Alam Nayyar
- Mr. Zia-ur-Rehman

### Lecturers

- Mr. Faisal Rafique
- Mr. S. Mamnoon Akhter
- Mr. S. Naseer Akhter
- Ms. Nazia Sadiq
- Ms. Ambreen Insaf

## Programs Available

- B.Sc. (Hons.) with specialization in electronics.
- M.Sc. with specialization in electronics.

## For Further Enquiry

**Telephone:** 99261300-6 Ext. 2258/2564

**Website:** [www.uok.edu.pk/faculties/appliedphysics](http://www.uok.edu.pk/faculties/appliedphysics)

**Email:** [aphy@uok.edu.pk](mailto:aphy@uok.edu.pk)

## Department of

# Biochemistry

### Introduction

The department of Biochemistry, established in 1962, is the pioneer independent department of our country. Since its inception, the department has shared the University of Karachi's goals of excellence in research and education. Traditionally known for strength in major areas of molecular biology, genetics, cell biology, biotechnology and bioinformatics, the current faculty is continuing to broaden its representation and reputation in other areas, most notably, Clinical Biochemistry, Enzymology, Hematology, Immuno-chemistry, Genomics, Molecular Biophysics, Neurochemistry, Neuropharmacology, Biotechnology, Nutrition and Proteomics.

### Career Opportunities

Excellent career opportunities exist for students acquiring a degree in Biochemistry. Our graduates are working in multinational industries, teaching and research organizations, Pharmaceutical industries, Biomedical industries, Forensic science laboratories, hospitals, clinical laboratories and different public and private sector industries.

Graduates can also pursue an M.Phil. or Ph.D. in universities in Pakistan and abroad in areas such as clinical research, drug development, Nutritional Sciences, Bioinformatics and Biomedical Science.

### Specific Research Areas

- Clinical biochemistry
- Drug targeting and development
- Molecular Biology and genetic engineering
- Biotechnology
- Biophysics
- Bioinformatics
- Enzymology
- Neuropharmacology
- Molecular neurochemistry
- Proteomics and Genomics
- Nutritional science
- Psychopharmacology
- Toxicology

### Facilities

Dr. Zain Memorial Library of the department of Biochemistry has the latest collection of books on Biochemistry with over 100 biochemistry related journals in print and/or with on-line access.

### Computing Facilities:

Numerous research and other student groups operate computing clusters for research needs and coursework.

### Equipment Facilities:

The department is equipped with cutting edge techniques like PCR, High Performance Liquid Chromatography, Column Chromatography, Spectrophotometer, Electrophoresis, Flame Photometry, Freeze Drying, Fluorimetry and Ultra centrifugation etc.

### Faculty Members

#### Professors

- Dr. Tabassum Mahboob (*Chairperson*)
- Dr. Viqar Sultana
- Dr. Tahira Perven
- Dr. Samina Bano
- Dr. Sadia Haider
- Dr. Shamim A. Qureshi
- Dr. Shah Ali ul Qqdar

#### Associate Professors

- Dr. Hajra Naz
- Dr. Farhat Batool
- Dr. Sadaf Naeem

#### Assistant Professors

- Dr. Erum Shireen
- Dr. Sajjad Haider
- Dr. Sadia Saleem
- Dr. Faizan Hassan Naqvi
- Dr. Huma Ikram
- Dr. Mohammad Noman Syed
- Dr. Yasmeen Raashid
- Dr. Mohammad Farhan
- Dr. Fizza Hassan Naqvi
- Dr. Tooba Lateef

#### Lecturers

- Ms. Beena Hassan
- Ms. Ayesha Khan

### Programs Available

- B.Sc. (Hons.)
- M.Sc.
- M. Phil. & Ph.D.

### For Further Enquiry

**Telephone:** 99261300-6 Ext. 2289

**Website:** [www.uok.edu.pk/faculties/biochemistry](http://www.uok.edu.pk/faculties/biochemistry)

**Email:** [biochemistry@uok.edu.pk](mailto:biochemistry@uok.edu.pk)

## Department of

# Biotechnology

## Introduction

Department of Biotechnology was established in 1996 by Professor Dr. Tashmeem F. Razzaki with an objective of imparting quality education in the multidisciplinary field of Biotechnology at graduate level. For many years this was the only Department across Pakistan offering graduate degree in the subject.

Biotechnology is the application of biological systems or processes to improve the value of materials or organisms for the benefit of mankind. Biotechnology offers technological solutions for many of the challenges the world faces ranging from curing of diseases to xenotransplantation, nourishing the hungry to design newer food products, generating power to conserve energy, increasing magnitude to newer traits of crops, exploring metabolic prospective of microbes to exploit their potential, modeling of drugs to the development of regenerative and personalized medicine, conservation of cells to cryonics and recycling wastes to develop new bioscience products. To address these challenges, departmental laboratories are well equipped with state-of-the-art sophisticated instruments for the training of the students.

## Career Opportunities

Graduates of this dynamic discipline have a wide variety of career opportunities in teaching and research institutes, pharmaceutical organizations, forensics and clinical laboratories, tissue culture laboratories, agro-based industry, food industry, polymer and textile industry, cosmetic industry, fuel industry, environmental organizations, forestry, fisheries, wildlife department, horticulture department and processing, certifying and patenting companies. Graduates are also trained to venture small to various level of entrepreneurship.

## Specific Research Areas

The department is involved in vibrant research activities i.e. protein purification, enzyme production, characterization and immobilization, cell and tissue culture, biotransformation and metabolomics, screening of microorganisms for industrially important metabolites and viral diagnostic research.

## Faculty Members

### Professor

- Dr. Mustafa Kamal

### Assistant Professors

- Ms. Syeda Mariam Siddiq
- Dr. Raheela Rahmat Zohra (*Incharge*)
- Dr. Saif Ullah

### Lecturers

- Ms. Shumaila Rashid
- Ms. Erum Hanif
- Ms. Shafaq Aiyaz Hassan
- Ms. Mahnaz Ahmed
- Ms. Ayesha Kamran
- Ms. Shumaila Samad Khan

## Programs Available

- B.Sc. (Hons.)
- M. Sc.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext: 2474

**Website:** [www.uok.edu.pk/faculties/biotechnology](http://www.uok.edu.pk/faculties/biotechnology)

**Email:** [biotechnology@uok.edu.pk](mailto:biotechnology@uok.edu.pk)

## Department of

# Botany

### Introduction

The Department of Botany, University of Karachi was established in 1953. The University at that time was located at Chand-Bibi Road, near Civil Hospital, Karachi. When the University moved into its present premises on 18th January 1960, the Department of Botany was initially located in 2 barracks. The present building of the Department of Botany with laboratories, lecture rooms and an auditorium was constructed in the late 1960s.

The Department offers over 70 different courses at undergraduate, post graduate and Ph.D, levels to cater to the human resource requirements for teaching and research in the fields of education, agriculture, environment, NGOs, research organizations, pharmaceutical and other industries. In first and second year, the students start their studies taking Botany as a major subject together with 2 subsidiary subjects from other Departments of the University.

In 3rd and 4th years, instead of the subsidiary subjects, they are required to study major subjects within the field of Botany. In M.Sc. Final, the students specialize in one of the branches of Botany which include: Applied Botany, Mycology & Plant Pathology, Plant Physiology, Plant Ecology, Phycology & Marine Botany and Plant Taxonomy.

### Career Opportunities

Specialization in different branches of Botany offered by the Department is helpful in getting jobs in agriculture based organizations, research institutions, teaching in various colleges and universities and in environmental NGOs like WWF and IUCN.

### Facilities

The Department has well equipped laboratories for undergraduate, graduate, post graduate and Ph.D studies and a vast collection of books and research papers in the Seminar library. Department of Botany has also established computer lab for fast track searching of study materials. It provides facilities to students for research on topics related to different fields of plants sciences. The Karachi University Herbarium in the Department of Botany has a vast collection of plant specimens collected from different regions of Pakistan, in addition to a large collection of specimens of algae and fungi. Department of Botany has established Shameel memorial library, Stress physiology and phenomics center and Biosaline research lab and experimental field for research and productivity.

### Specific Research Areas

Faculty members are working in six specialized fields of plant sciences and are endeavoring to enhance knowledge of plant world. Following are the specific research areas:

1. Classical Taxonomy, Chemosystematics, Cytogenetics and Medicinal plants.
2. Plant Anatomy and Plant Tissue Culture.
3. Phycology, Marine Botany and Economic Importance of Seaweed.
4. Mycology, Plant Pathology, Fungal Biotechnology, Plant

microbe interaction and Diagnosis of emerging and re-emerging plant diseases.

5. Plant Physiology, Plant enzymology, Biosaline Agriculture, Stress Physiology and phenomics.
6. Plant Ecology, Dendrochronology and Environmental Pollution, Halophytes utilization.

Members of the teaching staff have completed about 50 research projects with the support of national and international funding agencies. Currently several research projects are in progress. More than 2500 research papers have been published in journals of international repute by the teachers and researchers of the Department (120 research papers published in 2015-2016). The Pakistan Journal of Botany and International Journal of Biology and Biotechnology are also published from the Department of Botany, University of Karachi.

### Faculty Members

#### Professors

- Dr. S.I. Ali (Prof. Emeritus)
- Dr. Syed Ehtesham ul Haque (*Chairman*)
- Dr. Aliya Rehman
- Dr. Raiha Qadri
- Dr. Shahnaz Dawar
- Dr. Rubina Abid

#### Associate Professors

- Dr. Seemi Aziz
- Dr. Zamin Shaheed Siddiqui
- Dr. Sharf-un-Nahar

#### Assistant Professors

- Mrs. Rubina Iqbal
- Dr. Neelofar Hamid
- Mrs. Amna Ahmed
- Dr. Sadaf Gul
- Dr. Laila Shahnaz
- Dr. M. Faheem Siddiqui
- Dr. Muhammad Azeem
- Dr. Naeem Ahmed
- Dr. Aisha Begum
- Mrs. Maria Hamid

### Programs Available

- B.Sc. (Hons.)
- M.Sc.
- M. Phil. & Ph.D.

### For Further Enquiry

**Telephone:** 9926261300-6 Ext. 2288

**Website:** [www.uok.edu.pk/faculties/botany](http://www.uok.edu.pk/faculties/botany)

**Email:** [botany@uok.edu.pk](mailto:botany@uok.edu.pk)

## Department of

# Chemistry

## Introduction

Chemistry is a noble central science which helps to understand the origin of life and suggest ways to use non-living things for giving comfort to life. To train the young generation and to direct their approach to accomplish this task easily, it is necessary to make the students understand the principles underlying the composition, structure and properties of substances along with the transformation that they undergo. It is therefore obvious that chemical orientation cannot be imparted in isolation and has to be developed through a cocktail of physics, Maths and biology on one hand and engineering and applied sciences on the other. The Department of Chemistry, is well equipped for pursuing this goal having skilled and proficient faculty, well equipped laboratories and other infrastructure.

The Department of Chemistry is one of the oldest Departments of University of Karachi. When the university was shifted to its present location, the department occupied one of the few newly constructed buildings and is still following there for the last 65 years.

## Career Opportunities

A person with a B.Sc. (Hons.) / M.Sc. degree in Chemistry has a wide choice of employment opportunities especially in one of the many industries listed below and research institutions that are emerging in the country. These include; Textile Industry, Pharmaceutical Industry, Clinical Laboratories, Oil Refineries, Chemical Industry, Paint Industry, Cement Industry, Beverages & Food Product Industry, Analytical & Instrumental Service, agencies, Polymer Industry.

## Specific Research Areas

Analytical, Inorganic, Industrial, Organic, Physical, Environmental, Pharmaceutical, Clinical, Polymer Chemistry, Nuclear and Radio Chemistry and Nano Chemistry.

## Facilities

There are several libraries in the University of Karachi, which hold chemistry books and related technical journals. These also include Department of Chemistry's own Seminar Library. This library has a stock of about 10,000 books and research journals on various fields of Chemistry. The Department of Chemistry is equipped with many modern instruments for training students for challenging careers and research. These include, pH/Ion meters, conductometers, polarimeters, refractometers, potentiometers, electrochemical analyzers, HPLC, atomic absorption spectrometers, UV-Visible spectrophotometers, FTIR Spectrometers, Guoy Balance for magnetic susceptibility measurements, flame photometers, computers, deionizers, analytical balances, ovens, furnaces, centrifuges as well as a substantial stock of glassware and chemicals. A modern instrumental laboratory has been furnished to house the new atomic absorption spectrometers, HPLC, GC, GC-MS nuclear magnetic resonance spectrometer as well as some other modern instruments. These and other instruments were acquired through a generous grant of Rs.39.95 million provided by the Higher

Education Commission. The Department of chemistry has internet available in almost every teachers room/research lab, which is provided through a central facility of a fiber-optic link. Furthermore, the department also has a well equipped computer lab for enormous students.

## Faculty Members

### Professors

- Dr. Majid Mumtaz (*Chairman*)
- Dr. Nasreen Fatima
- Dr. Muhammad Nasir Uddin Khan
- Dr. Rehana Saeed
- Dr. Rafia Saeed
- Dr. Hajra Tahir

### Associate Professors

- Dr. Sumayya Saied
- Dr. Firdous Imran Ali
- Dr. Itrat Anis
- Dr. Uzma Ashiq
- Dr. Shaista Perveen
- Dr. Shaikh Muhiuddin

### Assistant Professors

- Dr. Masooda Qadri
- Dr. Shazia Nisar
- Dr. Imran Ali Hashmi
- Dr. Naushaba Zafar
- Dr. Tehseen Ahmed
- Dr. Erum Zahir
- Dr. Syed Nawazish Ali
- Dr. Syed Tariq Ali
- Dr. Saba Arsalan
- Mr. Muti ur Rehman
- Dr. Rifat Ara Jamal
- Dr. Zahida Karim
- Dr. Humaira Bano
- Dr. Raheela Naz
- Dr. Summayia Masood
- Dr. Zahid Hussain
- Dr. Hamida S. Muhammad
- Dr. Qurat-ul Ain

### Lecturers

- Mr. Agha Arsalan Wasim
- Mr. Mohsin Ali
- Mr. M. Asad Khan Tanoli

## Programs Available

- B.Sc. (Hons.)
- M.Sc.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext-2290

**Website:** [www.chemuok.edu.pk](http://www.chemuok.edu.pk)  
[www.uok.edu.pk/faculties/chemistry](http://www.uok.edu.pk/faculties/chemistry)

**Email:** [chemistry@uok.edu.pk](mailto:chemistry@uok.edu.pk)

## Department of

# Computer Science

### Introduction

Since its inception, 32 years ago, the Department of Computer Science is imparting quality education in various Computer Sciences, Information & Communication Technologies and related disciplines. The Department of Computer Science was established by a resolution of Academic Council in its meeting held on November 27, 1984 and began functioning in the academic year 1985-86 by offering a two year degree program, Master of Computer Science (MCS). Then in 1996, it started 4-year undergraduate program; BS (Computer Science), and a two year graduate program; MS (Computer Science) as well as Ph.D. (Computer Science). The Department is also offering BS (Software Engineering) since last 16 years.

Alumni of the department are serving top international and national organizations, governments, science and technology institutions and other organizations for their business as well as development and research. Many of them have created unconventional state of the art solution needed by industry; own University-Spinoff companies, authors of books published by world renowned publishers.

The faculty and alumni have published and presented hundreds of research papers in reputed journals and conferences.

### Career Opportunities

Excellent career opportunities exist for the graduates of Department of Computer Science. More than 80% of graduates are immediately hired by top ranking software houses and other institutions. Top software houses are in contact with the department and conduct job tests and hire students even before their graduation. We are proud that our graduates are working in top international organizations and there are graduates who become entrepreneurs and run their own entrepreneurial businesses.

### Facilities

#### Computing Facilities

The new building of the Department of Computer Science (UBIT) is fully equipped with latest technology for students to get hands-on experience on different platforms of both hardware and software fields of computer science. Each lab is equipped with latest high end user computing facilities. The internet facility is available round the clock in all the labs, which enables students and faculty members to keep in touch with the latest trends in academic and the corporate world. The department is continuously upgrading the computing infrastructure according to the market demands. Following labs are functioning in the department:

- Physics Laboratory
- Electronics Laboratory
- Networking Laboratory
- Software Engineering Laboratory
- AI & Soft Computing Laboratory
- Network Security Laboratory
- Database and Information System Laboratory
- Graphics and Multimedia Laboratory

- General purpose Computing Laboratory

### Seminar Library

The department also provides an in-house seminar library facility which contains more than a thousand books on computer science/IT and related disciplines along with IT/CS magazines, international research journals and periodicals.

### Specific Research Areas

More than 300 Research Articles have been published by faculty members of this department. The department has also produced Ph.Ds during the past few years and over 25 candidates are on their way to the completion of their MS (CS) and Ph.D. (Computer Science) research work. Our research areas include: Artificial Intelligence, Soft Computing, Neural Networks, Advance Database systems (temporal and fuzzy), MIS, Computer Networks, Network Security, Parallel & Distributed Computing, Natural Language Processing, image processing, graphics vision and machine learning.

### Faculty Members

#### Associate Professors

- Dr. M. Sadiq Ali Khan (Chairman)
- Dr. Nadeem Mahmood
- Dr. Tahseen Ahmed Jilani

#### Assistant Professors

- Mr. Badar Sami
- Dr. Syed Jamal Husain
- Dr. Muhammad Saeed
- Mr. S. M. Khalid Jamal
- Mr. Farhan Ahmed Siddiqui
- Dr. Syed Muhammad Zain Abbas
- Mr. Hussain Saleem
- Mr. Syed Asim Ali
- Dr. Humera Tariq

#### Lecturers

- Ms. Erum Shahid
- Ms. Shaista Rais
- Ms. Madiha
- Ms. Maryam Feroz
- Mr. Muhammad Sajid
- Mr. Taha Bin Niaz
- Ms. Humaira Bashir

### Programs Available

- BS (BSCS) Computer Science (Morning/Evening)
- BS (BSSE) Software Engineering (Morning/Evening)
- MCS (Morning/Evening)
- PGDCIS (Evening)
- M.S. Computer Science
- M. Phil. & Ph.D.

### For Further Enquiry

**Telephone:** 99261300-6 Ext. 2462/3462

**Website:** [www.uok.edu.pk/faculties/computerscience](http://www.uok.edu.pk/faculties/computerscience)

**Email:** [info@uok.edu.pk](mailto:info@uok.edu.pk)

Department of

# Food Science & Technology

## Introduction

The department of Food Science & Technology was established in 1994 to cater to the needs of the fast growing food industries in the country and also to meet the ever growing demand for food scientists and technologists in government, research and educational establishments. Over the years, the department has developed linkages with universities in Germany, UK and U.S.A. The Department has also been involved in organizing workshops, seminars, conferences and training courses. Presently it enjoys a very good rapport with both national and multinational food companies of Pakistan.

## Career Opportunities

- Food Technologist
- Food Engineer
- Food Analyst
- Production Manager
- Quality Control/Assurance Manager
- Food Safety Inspector
- Food Researcher
- Research and Development Manager

## Facilities

### Laboratory Facilities

The new building of the Department has eight major laboratories equipped with all basic facilities. The laboratories included Food Engineering, Food Chemistry, Food Microbiology, Food Quality, Food Analysis, Food Biochemistry and Post-Harvest, Food Analytical and Computer/I.T. These laboratories are equipped with state-of-the-art sophisticated instruments namely Differential Scanning Calorimeter, Universal Testing Machine, Visco-Amylograph, Bomb Calorimeter, UV Visible and Near Infra Red Spectrophotometers, Polarimeter, Atomic Absorption, Gas and High Performance Liquid Chromatography.

### Specific Research Areas

- Post-Harvest lives of fruits and vegetables
- Edible films and coatings
- Modified Starches
- Antioxidants
- Flavonoids

## Faculty Members

### Professors

- Dr. Muhammad Abid Hasnain
- Dr. Jehan Ara
- Dr. Syed Asad Sayeed (*Chairman*)

### Associate Professor

- Dr. Shahina Naz

### Assistant Professors

- Dr. Rahmanullah Siddiqui
- Ms. Faiza Abdur Rab
- Dr. Feroz Alam
- Dr. Mahmood Azam
- Dr. Tahira Mohsin Ali
- Dr. Muhammad Abdul Haq
- Dr. Zubala Yasir
- Dr. Syed Muhammad Ghufuran Sayeed

### Lecturers

- Ms. Anjum Nawab
- Ms. Lubna Mubin
- Ms. Marium Shaikh
- Ms. Abeera Moin

## Programs Available

- BS
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-7 Ext. 2413

**Website:** [www.uok.edu.pk/faculties/foodscience](http://www.uok.edu.pk/faculties/foodscience)

**Email:** [fst@uok.edu.pk](mailto:fst@uok.edu.pk)



Department of

# Genetics

## Introduction

The department of Genetics was established in 1969 at the University of Karachi. The department has highly qualified faculty members and takes great pride in maintaining an intellectual atmosphere in order to promote learning.

## Career Opportunities

Graduates of the department have job opportunities in hospitals, universities and industries. Many of the former students are also serving various organizations in foreign countries.

## Facilities

The department maintains an in-house seminar-library as well as computer clusters in the Bioinformatics Lab. In addition to the regular teaching laboratories, there are four research laboratories equipped with modern and latest apparatus for research students. Some in-house recreational facilities are also available for healthy activities of students.

## Specific Research Areas

Various research projects have been completed successfully in the department and many others are in progress, including the ones on human genetics, plant genetics and microbial genetics. The Department also enjoys collaboration in research with many foreign and local universities including other departments of the University of Karachi. The outcome of the research has been published in various reputed international journals.

## Faculty Members

### Professors

- Dr. Maqsood A. Ansari
- Dr. Uzma Badar

### Associate Professors

- Dr. Obaid Yusuf Khan (*Chairman*)
- Dr. Fouad Masood Qureshi
- Dr. Simeen Mansoor Shahid
- Dr. Erum Shoaib

### Assistant Professors

- Dr. Shakeel ur Rehman Farooqui
- Dr. Nadia Khan
- Dr. Shumaiza Anis

### Lecturers

- Ms. Ayesha Riaz
- Ms. Sarwat Afshan

## Programs Available

- M.Sc.
- Diploma in Applied Genetics (Evening)
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext. 2218

**Website:** [www.uok.edu.pk/faculties/genetics](http://www.uok.edu.pk/faculties/genetics)

**Email:** [genetics@uok.edu.pk](mailto:genetics@uok.edu.pk)

## Department of

# Geography

## Introduction

The Department of Geography is one of the pioneer departments of University of Karachi, established in November 1952. Internationally recognized geographers and teachers including the young and enthusiastic faculty members have eminently served the Department. The Department has an excellent academic history. Prof. Dr. Manik B. Pithawala as the first Chairman (leading author of local geographical literature, with more than 35 excellent books), followed by Prof. Oskar Schmieder, a leading German geographer also served as Chairman in the Department followed by the leadership of top eminent Geographer of South Asia, Prof. Dr. Iqtidar H. Zaidi (1985-1988). The Department of Geography has been providing teaching and research facilities in various fields of geography for the last 65 years and produced outstanding graduates serving Pakistan and abroad in organizations of international repute. It also organizes Graduate and Post Graduate courses including MS /M.Phil and Ph.D. programs. It is the only Department among all Universities of Pakistan which has hosted International Geography Union Conference. Moreover it also hosted 2nd, 7th and 13th all Pakistan Geographical Conferences in the years 1967, 1997 and 2008 respectively. Recently, in January 2017 a grand International South Asian SURE Conference was organized by the Department. This Department has the honor to produce the largest number of Ph.D./M.Phil. graduates in Pakistan (about 60). The prime objective of the Department is to conduct pragmatic geographical research both in domain of physical and social sciences. The ultimate product of the Department always remains beneficial and helpful in planning, managing, allocating, distributing and evaluating sectors of Pakistan. Department of Geography has strong linkages with Humboldt University (Germany), University of Salzburg (Austria), Hamburg University (Germany), University of British Columbia, Canada and University of Georgia (USA).

## Career Opportunities

Geography graduates with Master's degree generally find useful employment in many major fields, i.e., education, environment, administration and private organizations. Development authorities and agencies throughout the country utilize their specialty and expertise. In particular government departments, i.e., Survey of Pakistan, GSP, Statistical Bureaus, Population Census, SUPARCO, Archeological Department, Meteorological Department, Planning Commission, and provincial departments of planning and development have employed geographers for their special skills. Private consulting firms and non-governmental Organizations (NGOs) also utilize the expertise of geographers. There are various fields of applications in Pakistan where geographers can excel successfully.

## Facilities

Department of geography has

- A separate building (Housed in 21 rooms including Lecture rooms)
- Well-equipped Remote Sensing GIS Labs.
- Dr. I. H. Zaidi Lab. of Digital Image Processing.
- GIS Lab.
- Remote Sensing GIS Lab.
- Cartography Lab.
- Seminar Library

- Survey Equipment Store
- Meteorological Observatory
- Abdur Rauf Khan's Prehistoric Museum

## Specific Research Areas

- Advanced Cartography
- Agricultural Geography
- Agro-Climatology
- Arid Lands: Desertification and Management
- Disease Ecology
- Ecology of Natural Resources
- Environmental Geography
- Geographical of Transportation
- Geography of Recreation and Tourism
- Water Resource Management
- GIS Lab.
- Remote Sensing
- Regional Planning and Development
- Metropolitan Transportati
- Transportation Geography
- Political Geography
- Rural Geography
- Population Geography
- Oceanography
- Urban Ecology
- Urban Land use and Planning
- Management of Water Resources
- Natural Hazards and Disaster Management

## Faculty Members

### Professors

- Dr. Syed Jamil Hasan Kazmi (*Meritorious & Chairman*)
- Dr. Farkhunda Burke

### Associate Professors

- Dr. Shamshad Akhtar
- Dr. Syed Shahid Ali
- Dr. Sheeba Afsar

### Assistant Professors

- Dr. Saima Shaikh
- Dr. Anila Kausar
- Dr. Yasmeen Anis
- Dr. Salman Zubair
- Dr. Lubna Ghazal
- Dr. Imran Ahmed Khan

## Programs Available

- B.A./B.Sc. (Hons.)
- M.A./M.Sc.
- MS/Ph.D. in Remote Sensing & Geographical Information System (RS/GIS) (Evening)
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext-2292

**Website:** [www.uok.edu.pk/faculties/geography](http://www.uok.edu.pk/faculties/geography)

**Email:** [geography@uok.edu.pk](mailto:geography@uok.edu.pk)

Department of

# Geology

## Introduction

The department of Geology, in University of Karachi is one of the oldest institutions for teaching geology in the country. It started functioning in 1954 under Prof. Dr. Manek B. Pithawala, a renowned geologist of pre-partition days and the author of the book "Geology and Geography of Karachi".

The journey of progress and development is still continuing since the establishment of the department. Staff members after obtaining higher degrees and advanced trainings, impart their experience and knowledge to the future geologists. The department is determined to keep the pace of development of the field of geology and has introduced a variety of subjects like, Geochemistry, Petroleum Geology, Geo-morphology, Sedimentology, Marine Geology, Economic Geology, Hydrogeology, Engineering Geology, Geophysics and Environmental Geology.

The department of Geology has produced a large number of graduates. Most of our graduates hold key positions in national and multinational organizations and have made significant contributions in their fields of specialization. Department has good history in producing M. Phils. and Ph.Ds. A number of research projects in collaboration with national institutions and multinational companies are in progress. Staff members of the department have also published numerous research articles in journals of national and international repute, having high impact factors.

## Career Opportunities

There is a wide field of applications for young geologist in the country. The majority of earth science graduates are engaged in oil and gas sector, either in the exploration or services companies. Other important job opportunities are available in mineral exploration organizations. Employment in mineral based industries is also one of the most promising fields of work. Geology graduates are also sought after by the geochemical, geophysical, geotechnical consultancies and soil and foundation investigations. The job prospects in hydrogeology, environmental, engineering geology and urban planning are growing rapidly. Global Information System (GIS) and remote sensing are innovative fields of interest for geologists. Recently, alternate energy sectors have (coal, wind, solar, geothermal etc.) opened up new horizons of working. Some graduates prefer to stay in the academic and R&D worlds as teachers and researchers. Graduates also have career in GSP, PCSIR, HDIP, PPL, OGDCL, WAPDA, NIO, PMDC, coastal development authorities and offshore oil exploration companies.

## Facilities

The department has an impressive geology museum, which houses a large collection of valuable rocks, fossils and

mineral specimen. The department has a wide range of

advance laboratory facilities. There are well-equipped research/ teaching geochemistry, geophysics, petrology, environmental, economic, marine and engineering geology laboratories. Department also has a seminar and a reference library with a reasonable collection of books and journals.

Department also organizes technical lectures and seminars, conducted by professionals to develop sound knowledge and skills in the students for their career building. Students also participate in student chapters of many renowned/ learned societies of geological orientation such as AAPG, PAPG, SPE, KUGAA& SEGMIITE. Geological field works in the selected areas of the country as an essential part of curriculum are conducted by the faculty for student's practical training.

## Specific Research Areas

- Geochemistry
- Sedimentology
- Hydrogeology
- Petrology
- Geophysics
- Engineering Geology
- Environmental Geology
- Petroleum Geology
- Economic Geology
- Marine Geology

## Faculty Members

### Professors

- Dr. Shahid Naseem (*Chairman*)
- Dr. Erum Bashir

### Assistant Professors

- Mr. Muhammad Bilal
- Dr. Salma Rafi
- Mrs. Sadaf Ismail
- Dr. Sadaf Naseem
- Dr. Adnan Khan

### Lecturers

- Mr. Muhammad Arsalan
- Ms. Shellah Bano
- Ms. Maria Kaleem
- Ms. Bushra Shahab

## Programs Available

- B.Sc. (Hons.)
- M.Sc.
- M.Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6, Ext- 2295

**Website:** [www.uok.edu.pk/faculties/geology](http://www.uok.edu.pk/faculties/geology)

**Email:** [geology@uok.edu.pk](mailto:geology@uok.edu.pk)

Department of

# Health, Physical Education & Sports Sciences

## Introduction

The department was established in 1996. Initially it introduced one year Masters program in physical education after Bachelor of Physical Education (B.P.ED).

The 2-year Masters program was introduced in 2001. The department introduced B.Sc.(Honors) Program in January 2012.

The department of Health, Physical Education & Sports Sciences provides students with knowledge and skills to enable them to achieve a degree of autonomy in developing and maintaining their physical, mental, social and emotional health. The subject matter focuses on the importance of a healthy lifestyle and physical activity in the lives of individuals and groups in society.

## Career Opportunities

Our graduates can teach physical education in public and private schools, coach school-based sports and work in many other sports and recreation related careers.

A master's degree in Health, Physical Education & Sports Sciences will prepare graduates to teach physical education at a public and private high school/college/University, or become a Director/Deputy Director of Physical Education Program or become an athletic trainer or can be a fitness instructor. Furthermore, people with a physical education degree could find themselves working in city parks and recreation departments.

## Facilities

The department is equipped with all the required practical facilities. A variety of sports facilities including playing fields for cricket, hockey, football and athletics, a squash court and indoor games facilities in the campus gymnasium are also available.

Every year competitive sports for both male and female students are organized at inter-departmental, inter-collegiate and inter-university levels through a variety of sports like hockey, football, cricket, badminton, athletic, etc.

The department plans to establish a fully equipped Human Performance Laboratory to incorporate the

latest techniques and performance analysis methodologies.

## Specific Research Areas

The Department of Health, Physical Education & Sports Sciences has a broad scope for research in the field of Kinesiology, Exercise Physiology, Socioeconomic impact of Physical Education, Curriculum development etc.

The basic and applied research can be done in the field of Kinesiology, Exercise Physiology and other subjects.

Due to the availability of a wide variety of topics, both qualitative & quantitative research can be done easily.

## Faculty Members

### Associate Professor

- Dr. Basit Ansari (*Chairman*)

### Assistant Professor

- Mr. Mazahir Zia Shaikh

### Lecturers

- Ms. Shazia Tabassum
- Mr. Humayun Imran Azeemi
- Mr. Kunwer Muhammaad Asif
- Mr. Muhammad Wasif Nisar

## Programs Available

- B.Sc. (Hons.)
- Doctor of Physical Therapy (DPT)
- M.Sc.

## For Further Enquiry

**Telephone:** 99261300-6 Ext - 2263

**Website:** [www.uok.edu.pk/faculties/healthphysical](http://www.uok.edu.pk/faculties/healthphysical)

**Email:** [hps@uok.edu.pk](mailto:hps@uok.edu.pk)

## Department of

# Mathematics

### Introduction

The Department of Mathematics was established in 1956. Prof. Dr. Suleman Kerawala was the Founder Chairman. Many new courses including Applied Abstract Algebra, Biomathematics have been introduced to highlight the application of Mathematics in different fields. The mission of the Department is to bring life to Mathematics and Mathematics for life. Areas of Pure Mathematics, Applied Mathematics and Interdisciplinary Mathematics are being pursued in teaching and research. At all levels, students are instructed in the rigor and precision characteristics of Mathematical Reasoning. They are facilitated to become acquainted with the elementary tools of Mathematics and the techniques to use them. The Department has many Ph.D. faculty members which regularly publish their research work in National and International Journals.

### Career Opportunities

Our graduates have been employed in the Educational, Financial, Industrial and Commercial Institutes. They can opt for any of the following professions: High School Mathematics Teacher, College Mathematics Professor, Actuary, Software Designer, Biostatistician, Government Lab Researcher, Financial Analyst, Industry Analyst/Engineer, Education Materials Developer, Industry Consultant at Supraco etc.

### Facilities

The Department offers peaceful environment and provides all modern facilities to students. This is the second largest Department of the Faculty of Science, with three-story building consisting of many rooms, computer laboratory with internet facility and seminar library having three thousand books. To keep the students informed and updated with the latest developments in the modern era, Department organizes seminars and workshops for faculty members and students. The Faculty Members and students actively participate in local, national and international mathematical activities and conferences.

### Specific Research Areas

The Faculty is engaged in research in the following areas:

- Algebra
- Astrodynamics
- Fluid Dynamics
- Mathematical Physics
- Numerical Analysis
- Operational Research
- Relativity and Gravitation
- Climate dynamics
- Mathematical inequalities and applications
- Time Scale

The Ph.D. program facilitates young researchers in getting the experience necessary to do original research in areas of their interest.

### Faculty Members

#### Professors

- Dr. Sarwar Jahan Abbasi
- Dr. Syed Anwar Ali Zaidi (*Chairman*)

#### Associate Professor

- Dr. Najeeb Alam Khan

#### Assistant Professors

- Mr. Mushtaq Ahmed
- Mr. Muhammad Javed Ansari
- Mr. Waseem Ahmed Khan
- Dr. Syeda Sadia Zia
- Mr. Waseem Ahmed Ansari
- Ms. Saba Naz
- Mr. Tanveer Ahmed Siddiqi
- Dr. Muhammed Imtiaz
- Dr. Syed Inayatullah
- Mr. Muhammad Ayaz
- Dr. Asif Raza Khan
- Dr. Fozia Hanif
- Dr. Saqib ur Rehman
- Dr. Syed Ahmed Hassan

#### Lecturers

- |                            |                      |
|----------------------------|----------------------|
| • Mr. Shahid               | • Ms. Asma Rani      |
| • Mr. Asif Iqbal           | • Ms. Hina Zaheer    |
| • Ms. Hafsa Ather Jafree   | • Mr. Ateeq Razzak   |
| • Ms. Noor Fatima Siddiqui | • Mr. Salman Safdar  |
| • Ms. Samreen Ahmed        | • Ms. Sumayyah Saadi |
| • Ms. Samira Sahar Jamil   | • Ms. Wajiha Riaz    |
| • Mr. M. Usman Qureshi     | • Ms. Aghzia Akram   |
| • Ms. Mehwish Shafi Khan   |                      |

### Programs Available

- B.A./B.Sc.(Hons.)
- M.A./M.Sc.
- M. I. B. M.
- M. Phil. & Ph.D.

### For Further Enquiry

**Telephone:** 99261300-6 Ext-2293

**Website:** <http://math.uok.edu.pk>

[www.uok.edu.pk/faculties/mathematics](http://www.uok.edu.pk/faculties/mathematics)

**Email:** [mathematics@uok.edu.pk](mailto:mathematics@uok.edu.pk)

## Department of

# Microbiology

## Introduction

The Department of Microbiology was established in 1957. This was the first and only department of Microbiology, for many years in this country, offering undergraduate and postgraduate degrees.

Microbiology is a broad discipline with both basic and applied aspects. Therefore, microbiologists must have a good understanding about microbial taxonomy, genetics, immunology and physiology to identify these agents, explore their metabolic potential on commercial levels and to manipulate these organisms for the betterment of humanity. The study of microorganisms and their potential is also necessary for the production of bread, cheese, antibiotics, vaccines, vitamins and many other important products. Microorganisms are involved in causing serious infections in humans, animals and plants.

Because of the importance of the subject and its applicability, this department is now regarded as one of the best departments within the Faculty of Science. As a result this department has become one of the popular departments and a large number of students opt to study Microbiology.

## Career opportunities

A person with M.Sc. in Microbiology has a choice of employment opportunities in the following organizations:

- Pathological/ clinical/ hospital laboratories
- Food and beverage industry and agriculture
- Pharmaceutical industry
- Biotechnology industry
- KWSB/ KMC/ R & D organizations
- University/ colleges teaching and research
- Epidemiological monitoring programs
- Environmental monitoring and impact assessments

## Facilities

### Laboratory and Lecture Rooms

The Department has 10 laboratories and 3 lecture hall/rooms where theory and practical classes are held. In addition to this, there are 3 media preparation rooms.

### Cold Room Facility

The Department of Microbiology is the only teaching department which possesses cold room where research experiments at below ambient temperature can be conducted.

### Computer Lab.

The lab with internet facility is available to all students.

### Research Lab.

A separate equipped lab. is allocated for research students

## Specific Research Areas

Research scholars are working on exceptionally diverse areas of microbiology including: various fields in biochemistry, genetics, clinical microbiology, mechanisms of microbial virulence, epidemiological studies, studies on microbial enzymes of industrial importance, biotransformation, studies on bioactivities of microbial metabolites, immunological aspects of diagnosis, molecular aspects of disease diagnosis and microbial control, bacteriocins, bioactivities of natural products, molecular biology of phages, biodiversity & Environment exploration of biotechnological potential of microorganisms and many others.

## Faculty Members

### Professors

- Dr. Tasneem Adam Ali (Dean, Faculty of Science)
- Dr. Fasihuddin A. Ansari (*Chairman*)

### Associate Professors

- Ms. Nayyar Jahan
- Dr. Talat Yasmeen Mujahid
- Dr. Asma Naeem

### Assistant Professors

- |                          |                       |
|--------------------------|-----------------------|
| • Ms. Nayyar Mehmood     | • Dr. Tanveer Abbas   |
| • Dr. Syed Abdus Subhan  | • Dr. Asma Saeed      |
| • Dr. Fozia Haider       | • Dr. Abdul Wahab     |
| • Dr. Zaid Ahmed Pirzada | • Dr. M. Sohail       |
| • Dr. Adnan Khan         | • Mr. M. Tariq Tayyab |
| • Dr. Muneera Naz Baloch | • Dr. Sana Ejaz       |
| • Dr. Wajeeha Binte Asad | • Dr. Urooj Zafar     |
| • Dr. Yasir Raza         | • Dr. Asma Naeem      |
| • Dr. Anjum Zehra Naqvi  |                       |

### Lecturers

- Ms. Sadia Muhammad Saleemullah Khan
- Ms. Tasneem Akhter
- Ms. Amna Alam

## Programs Available

- B. Sc. (Hons.)
- M. Sc.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext - 2248

**Website:** [www.uok.edu.pk/faculties/microbiology](http://www.uok.edu.pk/faculties/microbiology)

**Email:** [mb@uok.edu.pk](mailto:mb@uok.edu.pk)

Department of

# Petroleum Technology

## Introduction

The masters program for the department of Petroleum Technology in the University of Karachi was initiated in 1996 in the evening program, while in the morning program it was introduced in 2004. From the session 2013-14, B.Sc.(H) also started in morning program. The program aims to meet the future technical and professional requirements in petroleum industry. It is a multi-disciplinary program of the Faculty of Science/Engineering organized in collaboration with the petroleum industry.

The program aims to impart theoretical and practical knowledge in upstream and downstream activities of petroleum industry such as chemistry, geology, drilling, exploration, production, reservoir, pipeline, corrosion, natural gas, LPG, refining technologies, environmental impact, health and safety designs, petroleum logistics, marketing and management, etc.

The Department of Petroleum Technology has produced a large number of graduates who hold positions in national and international organizations.

## Career Opportunities

Students obtaining a Master's degree in Petroleum Technology can easily get jobs in Pakistan, middle East and other countries. A Petroleum technologist is required by petroleum industry at every stage i.e. exploration and development of oil and gas fields, transportation and distillation of crude in refineries, distribution and marketing of its products.

## Facilities

Internship and training programs are arranged for students in various sectors of oil and gas industries such as oil companies, refineries and services companies, i.e. Pakistan Oilfield Limited, Oil and Gas Development Corporation, National Refinery, Pakistan Refinery, Pak Arab Refinery, Byco Refinery, Pakistan State Oil Ltd, Shell Pakistan, EUP Pakistan, Sui Southern Gas Co Ltd, Baker Hughes, Halliburton Ltd, Marathon Construction, Mari Gas, MOL Pakistan, Nuricon, OMV Pakistan etc. This will help in preparing prospective candidates for the petroleum industry.

Department also organizes technical lectures and seminars conducted by professionals to develop sound knowledge and skills in the students for their career building. Students also participate in the students chapters of many learned societies such as SPE, PAPG, KUPTAA. Field work in the various industries/areas is conducted by the department for students' practical training/knowledge.

## Faculty Members

### Associate Professor

- Mr. Nadeem Ahmed Khan (*Chairman*)

### Lecturers

- Mr. Kashif Sadiq
- Engr. Syed Hasan Abbas Zaidi
- Mr. Syed Ghufraan Alam
- Mr. Atif Zafar

## Programs Available

- B.Sc. (Hons.)
- M.Sc.

## For Further Enquiry

**Telephone:** 99261300-6 Ext-2418

**Website:** [www.uok.edu.pk/faculties/petroleumtechnology](http://www.uok.edu.pk/faculties/petroleumtechnology)

**Email:** [pt@uok.edu.pk](mailto:pt@uok.edu.pk)

## Department of

# Physics

## Introduction

The department of Physics was established in 1952 with Professor Dr. Mujtaba Karim as the founding Chairman. Currently the department plays an important role in the development of Science and Technology in the country. Since its inception, a considerable number of students have completed their degree and are now rendering their services in reputable organization within and outside the country. The department has eighteen regular faculty members and a number of visiting, assistant and associate teachers. The department of Physics offers a full program of courses and research leading to the B.Sc.(H), M.Sc., M. Phil. And Ph.D. degrees. Each year over one thousand students attend physics courses in the department. To keep students abreast with the recent development in the field of physics, conference and seminars are also organized in the department. The department of Physics will keep and develop its well academic tradition and will make the greatest effort to promote its education and research.

## Career Opportunities

Once completing a degree in Physics with good grades, there are bright chances of acquiring employment in government organizations and in the private sector. For higher studies leading to M.Phil./Ph.D., interested students may proceed abroad or continue their education within the country. In every semester, graduated students are offered the opportunity to work as a teaching associate/assistant in the department.

## Facilities

Beside teaching laboratories, the department has a number of other laboratories for research purpose.

Below is the list of some facilities:

- Spectroscopy Research Laboratory
- Solid State Research Laboratory
- Condensed Matter Research Laboratory
- Electronics Laboratory
- Computer Laboratory
- A Liquid Nitrogen Plant
- Seminar Library
- Mechanical Workshop
- Glass Blowing Section
- Brain Computer Interface Laboratory

## Specific Research Areas

An important and perhaps the most significant aspect of learning Physics is that it is an experimental science, not an abstract intellectual discipline. Its implications relate continually to our everyday experience. Presently, M.Phil.

& Ph.D. programs are in progress and research study in various fields is being done. In these studies, collaboration from other organizations & institutes is also sought when needed.

Qualified faculty members are actively engaged in research areas such as:

- Spectroscopy
- Medical Physics
- Environmental Science
- Space Physics
- Theoretical Physics
- Material Science
- Optics
- Neurophysics

## Faculty Members

### Professors

- Dr. M. Altaf Hussain
- Dr. Shahid Mahmood (*Chairman*)
- Dr. Shabana Rizvi

### Assistant Professors

- Dr. Imran Ahmed Siddiqui
- Dr. Zaheeruddin
- Dr. Syed Zeeshan Abbas
- Dr. Saifuddin Ahmed Jilani
- Dr. Intikhab Ulfat
- Dr. Sadaf Fatima
- Dr. Ibrahim Muhammad Babar

### Lecturers

- Ms. Rabia Najam
- Mr. Sheikh Muhammad Zeeshan Iqbal
- Mr. Ommair Ishaque
- Mr. Waqar Ahmed
- Ms. Rizwana Siddiqui
- Mr. Kamran-ul-Haq Khan
- Mr. Zuhoor Ilahi
- Mr. Imran Ahmed

## Programs Available

- B. Sc.(Hons.)
- M. Sc.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext- 2250

**Website:** [www.uok.edu.pk/faculties/physics](http://www.uok.edu.pk/faculties/physics)

**Email:** [physics@uok.edu.pk](mailto:physics@uok.edu.pk)



Department of

# Physiology

## Introduction

The Department of Physiology is an important segment of the Faculty of Science in University of Karachi and occupies a very prominent place in the modern age of Biosciences, Clinical/Biomedical Sciences and other Applied Biological Sciences. This department, founded by Prof. Dr. M. H. Qazi, in 1964, was the first one outside medical colleges to introduce teaching and research programs in Basic and Experimental Physiology at the graduate and postgraduate level. Currently, the department has 21 faculty members, 17 supporting staff members and more than a 1000 students. Several renowned Professors are pioneer faculty members of the department and are presently serving on key posts in various organizations.

## Facilities

The department has sufficient facilities necessary to run the academic and research activities such as:

- Well Equipped Labs for students & researchers
- Audiovisual Aids like Overhead projectors, multimedia, Camera and television for interactive teaching.
- A well-organized Seminar Library with up to date textbooks and references on various disciplines of Physiology.
- Basic & ultimate Power Lab for laboratory experiments & demonstrations.
- Computer facilities are available in all special units for researchers. A separate computer laboratory is also available for academic & research activities.
- Internship facilities for students in different organizations are available.

## Career Opportunities

Physiology is at the core of medical research being done all over the world. There are dozens of foreign scholarships for advanced studies in physiology. Physiologists are required in number of places, like, pharmaceutical industries, health monitoring departments, biosynthetic industries, instrumentation in biomedical sciences, health related organizations, population welfare divisions, agriculture, livestock and poultry, diagnostic laboratories, occupational therapies, physiotherapy centers, nutritional/ sports centers, radiological institutions, biotechnology, bioinformatics, bioengineering, synthetic biology, nursing, medical universities, hospitals, diagnostic laboratories, pharmaceutical industries, research and teaching institutions.

## Specific Research Areas

A great deal of research at M.Phil & Ph.D levels is conducted in different disciplines of Physiology such as Neuromuscular Physiology, Pathophysiology, Hematology, Molecular Physiology & Biophysics, Molecular & clinical Endocrinology and Reproduction and Poultry Physiology. Currently more than 30 research scholars are registered in their M.Phil. & Ph.D. program in various disciplines including. Blood disorders; Endocrine / Metabolic & Reproductive abnormalities. Breast cancer: Reproductive Changes in marine models; Poultry Vaccinology, Neuromuscular disorders; Oxidative stress.

## Faculty Members

### Professors

- Dr. Habib Fatima (*Chairperson*)
- Ms. Qamar Amin

### Associate Professor

- Dr. Taseer A. Khan

### Assistant Professors

- Dr. Aisha Javed
- Dr. Arifa Savanur
- Mr. Zulfikar Ahmed
- Dr. Nazish Iqbal Khan
- Dr. Lubna Naz
- Dr. Sadaf Ahmed
- Dr. Ghazala Yasmeen
- Dr. Anwar Ali
- Ms. Ambreen Niazi
- Dr. Sumera Sohail
- Dr. Mudassir H. Rizvi

### Lecturers

- Ms. Mehru Nisa
- Ms. Saima Mushtaq
- Mr. Faizan Mirza
- Ms. Uzma Firdous
- Mr. Muhammad Nisar

## Programs Available

- B.Sc.(Hons.)
- M.Sc.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext-2296 / 3458

**Website:** [www.uok.edu.pk/faculties/physiology](http://www.uok.edu.pk/faculties/physiology)

**Email:** [physiology@uok.edu.pk](mailto:physiology@uok.edu.pk)

## Department of

# Statistics

## Introduction

The department of Statistics, University of Karachi was established in the year 1963. Both in terms of physical facilities and academic facilities the department of Statistics is one of the most popular departments within the university.

## Career Opportunities

The opportunities are open for the students of Statistics and Actuarial Sciences and Risk Management in all fields including banks, industries, government organizations (FBS, SBS, PBS, State Bank, etc.), research Organizations, insurance and investment fields.

## Facilities

The department has a Seminar Library and data bank stocked with a number of latest and good books on all branches of statistics. The Library has also a large collection of statistical publications of national and international organizations. The students and researchers are also using the facilities of data bank in the department that has several computer laboratories having more than a 100 computers.

Well-equipped Computer Laboratories with an environment of networking and statistical packages such as SAS, SPSS, S-PLUS, R.STATA, EVIEWS, MATHEMATICA, MATLAB, MINITAB, ITSM etc. are available for students and researchers.

## Faculty Members

### Professor

- Dr. Mudassir Uddin (*Chairman*)

### Associate Professors

- Mr. Muhammad Aslam
- Dr. Ehtesham Hussain
- Dr. Javed Iqbal

### Assistant Professors

- Dr. Farah Yasmeen
- Mrs. Rafia Shafi
- Dr. Bushra Shamshad
- Dr. Suboohi Safdar
- Ms. Samreen Fatima
- Dr. Arfa Maqsood

### Lecturers

- Ms. Tanzila Yaqoob
- Ms. Rahat Bibi
- Mr. Tayyab Raza Fraz
- Ms. Zara Omar
- Ms. Saba Naz

## Programs Available

- B.A./B.Sc.(Hons.)
- M.A./M.Sc.
- BS Actuarial Sciences and Risk Management
- M.Sc. Applied Statistics (Evening)
- M. Phil. & Ph.D.
- Post-Graduate Diploma in Statistics

## For Further Enquiry

**Telephone:** 99261300-6 Ext-2298

**Website:** [www.uok.edu.pk/faculties/statistics](http://www.uok.edu.pk/faculties/statistics)

**Email:** [stats@uok.edu.pk](mailto:stats@uok.edu.pk)

# Zoology

## Introduction

The department of Zoology was established in 1951 and now it holds a pivotal position in the faculty of Science. Right from its inception, the department has imparted quality education at B.Sc.(Hons.) and M.Sc. levels. It also provides facilities for post-graduate research leading to M.Phil. and Ph.D. degrees. Presently almost all the faculty members are Ph.D. degree holders. More than 80 research projects funded and sponsored by national as well as international agencies have been successfully completed by the faculty members. Three research journals are edited by our faculty members: (i) Wildlife and Natural History (ii) International Journal of Biology Research (iii) Pakistan Journal of Entomology (HEC recognized). We are proud to mention that more than two thousand (2000) research paper by the faculty members of Zoology have been published in national and international research journals. Besides the publication of research papers, our faculty members have published books, Monographs as well (75 in number).

## Career Opportunities

The graduates of Zoology get jobs as teachers of Zoology in Universities, Colleges and Schools, and as subject experts in various Educational Boards. Job opportunities are available in the Department of Agriculture, Agriculture Extension Department, Department of Forestry, Plant Protection, Freshwater Fisheries, Marine Fisheries Department, Fish Processing Industries, Coastal Development, Marine Observatoire, Environmental Protection Agency (EPA), Fisheries Harbour Authority, Naval Hydrography and Shipping Industries, Wildlife Management Department, Foods and Resource Economics, Medicine Companies, Slat Aquaculture and Industries, Zoological Survey Department, Zoological Gardens, Safari Parks, Pakistan Council of Scientific and Industrial Research, National Institute of Oceanography, Pakistan Agricultural Research Council, IUCN, Public and Private sectors pathological laboratories, Pakistan Atomic Energy Commission (Entomology section), Pesticide companies and pest control agencies, Pakistan Central Cotton Committee, Govt. of Pakistan Horticulture Department, Quarantine Department, Armed Forces Pest Control Positions, Hospitals, Companies level pest control position, Govt. Health Department, Malaria Management Department, etc. They are also hired by Middle East and Far East Countries for Forestry Department, Aquaculture industries related to marine resources and pest control programmes. Faculty members are also working on Regional level (IUCN-commission on Ecosystem Management, West and Central Asia).

## Facilities

The department has a Computer Lab and Instrument Labs of Toxicology and Hydrology containing Atomic Absorption HPLC. and GLC, Graphite Furnace, Colorimeter, Spectrophotometer and latest microscopic photographic system. In addition to the instrument Labs, the department has a Museum of Natural History which occupies a special place among the museums of Pakistani universities. It has a huge collection of vertebrates and invertebrates from James Murray's collection and substantial collection of fresh water and Marine fauna of Arabian Sea, Persian Gulf and Indian Ocean. Since the establishment of the Department a considerable addition of insects has been made from various areas of Pakistan and Bangladesh

including Oriental, Trans-Himalayan (Palearctic) and Ethiopian region from Lasbella and Mekran Coast. Work on fish taxonomy and pathology (freshwater and marine), protozoans helminthes, insects and other arthropods is undertaken by trained and experienced staff. The department is also working in collaboration with the outstanding taxonomists in Japan, Europe, U.S.A. and Canada.

## Specific Research Areas

The department also gives opportunity for research to the students, who specialize in M.Sc.

- Applied Zoology
- Entomology
- Limnology and Freshwater Fishery Biology
- Marine Zoology
- Parasitology
- Wildlife and Fisheries

## Faculty Members

### Professors

- Dr. M. Arshad Azmi (*Chairman*)
- Dr. Nasira Khatoon
- Dr. Rehana Yasmeen Farooq
- Dr. Syed Ansar Rizvi
- Dr. Musarrat Yousuf
- Dr. Seema Tahir

### Associate Professors

- Dr. Rahila Tabassum
- Dr. Farzana Yousuf
- Dr. Muhammad Shoaib
- Dr. Solaha Rahman
- Dr. Karim Gabool

### Assistant Professors

- Ms. Afshan Jabbar Khan
- Dr. Sumera Farooq
- Dr. Ghazala Yasmeen
- Ms. Shakeel Perveen
- Dr. Shahina Rao
- Dr. M. Tariq Rajput
- Dr. Rizwana A. Ghaffar
- Dr. Samreen Mirza

### Lecturers

- Ms. Roohi Kanwal
- Ms. Atia Batool

## Programs Available

- B.Sc.(Hons.)
- M.Sc.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 9926261300-6 Ext-2299

**Website:** [www.domsku.com/zoology](http://www.domsku.com/zoology)

[www.uok.edu.pk/faculties/zoology](http://www.uok.edu.pk/faculties/zoology)

**Email:** [zoology@uok.edu.pk](mailto:zoology@uok.edu.pk)



**UNIVERSITY OF KARACHI**



**RESEARCH INSTITUTES  
AND CENTERS**

# Applied Economics

## Research Centre

### Introduction

The Applied Economics Research Centre was established in 1973, with funding from the Ford Foundation and the Provincial Government of Sindh. From its inception, the Centre has undertaken research on issues in applied economics, with special interest being focused on the areas of agriculture, human resources, urban and regional economics and public finance. With subsequent growth of the Centre, its activities have broadened to include the advance training of economists from all parts of Pakistan. A major development in this connection has been the introduction of its own postgraduate degree program, the Master of Applied Science (Economics), which began in 1977. Since 1988, this has been upgraded to a M. Phil./Ph.D. Programme.

### Career Opportunities

Our M.A.S and M. Phil. degree holders can make their career in the World Bank, Asian Development Bank, USAID, UNDP, UNICEF, ILO, International Food Policy Research Institute, Planning Commission, Provincial Government, Banks and Private and Public Universities.

### Facilities

#### Library

The centre maintains a rapidly expanding library in the field of economics, with particular emphasis in areas of economics related to its principal research interests as well as a wide range of materials used for the teaching program. The library currently subscribes over 200 periodicals in economics and the social sciences. The collection of books number approximately 30,000. Included in the library is an extensive collection of government of Pakistan publications, which are used by researchers as a valuable source of date. The library has a large collection of working papers of international agencies like the World Bank, IMF etc. and discussion papers series of Universities abroad.

### Computer

The AERC has a fully operational computer cell is equipped with a large number of latest computer models. A large number of software packages are available including STATA, SPSS, TSP, SAS, SHAZAM, ESP, LIMDEP, EVIEW, GAUSS, QUATTRO-PRO, LOTUS-123, FOX-PRO, DBASE4, which enable sophisticated statistical and econometric analysis and handling large data sets.

### Specific Research Areas

The major research areas of the centre are undertaking policy oriented core/academic research and contract research for clients, post graduate teaching and providing advisory services to the government.

### Core Research

Staff members, on their own initiative, are conducting two kinds of distinguished researches. First, projects initiated by the centre's staff in the areas of housing, smuggling, environment, credit, agriculture, finance, nutrition, energy, public finance, trade, industry, monetary economics, poverty, social capital and empowerment of women. Second are projects initiated by the M.S, M. Phil. & Ph.D. student, which have made it possible for the centre to undertake research on relatively small projects in diversified areas. The output from core research finds its way into research published by the staff in referred journals or in the Centre's own *Pakistan Journal of Applied Economics*.

### Contact Research Project By Area

Contract research is one of the major activities of the AERC and its output is published in a Research Report Series.

### Faculty Members

#### Director and Research Professor

- Prof. Dr. Samina Khalil

#### Senior Research Economists/Associate Professors

- Dr. Shaista Alam
- Dr. Ambreen Fatima

#### Research Economists /Assistant Professors

- Dr. Mohsin Hasnain Ahmed
- Dr. Asghar Ali
- Mr. Minhajuddin Siddiqui
- Dr. Noman Saeed
- Dr. Faizan Iftikhar Burni
- Syed Tehseen Jawaid
- Dr. Uzma Iram
- Mr. Amir Hussain Siddiqui

#### Staff/Economists/Lecturers

- Syed Roshan Ali Shah
- Ms. Nigar Zehra
- Mr. Sohail Javed
- Syed Kamran Abbas Naqvi
- Mr. Tehseen Iqbal
- Syed Zia Abbas Rizvi
- Mr. Khurram Iftikhar
- Syed Ammad Ali
- Ms. Fauzia Kamal
- Mr. Faisal Sultan Qadri

### Programs Available

- M.A.S. (Masters of Applied Science in Economics)  
*A Terminal Degree only*
- M. Phil. (Economics) (Morning & Evening)  
*If the student continues after M.A.S.*
- Ph.D. (Economics)

### For Further Enquiry

**Telephone:** 99261541-43, 99261547-49

**Website:** [www.aerc.edu.pk](http://www.aerc.edu.pk)

**Email:** [aerc@uok.edu.pk](mailto:aerc@uok.edu.pk)

# Area Study Centre for Europe

## Introduction

The Area Study Centre for Europe, University of Karachi was established alongwith five other Area Study Centres (situated in major state sector Universities of Pakistan) by an act of parliament (ASC Ac No XLV.1975) in 1975. The Centre is an autonomous institution, under the academic discipline of the University of Karachi, supervised by a Board of Governors. It is funded by the Federal Government.

The Centre is slightly isolated from the hustle and bustle of mainstream University departments. The centre provides a peaceful atmosphere for teaching and research at the M.Phil./ Ph.D. level. Its M.Phil. course work programme in European studies, which is spread over two semesters, is designed to give students a thorough understanding of contemporary Europe. Besides the traditional subjects like European history, philosophy and thoughts, the courses are now focused on the European Union, its politics, law, economics, external relationships and common foreign and security policy. Europe's relation with Pakistan, the Muslim world and the developing world are given particular importance.

In September 1999, European Union (EU) sponsored program in European Studies was launched for a three year period. Under this program the EU rendered technical and financial assistance to the centre.

In 2001, the ASCE was awarded the Jean Monnet Chair of European Political Science by the European Commission's Directorate General for Education and Culture (Higher Education: Socrates-Erasmus, Jean Monnet Project).

The Area Study Centre for Europe, University of Karachi, became a partner in the project "CLIMA" (Euro Asian Research and Training in Climate Change Management) funded by the European Union. The CLIMA was launched in 2006 and ended in 2009.

The research findings of the Centre's own research staff are published in the form of books, monographs and profiles. The centre also publishes the bi-annual Journal of European Studies, which covers articles on contemporary European issues.

The Centre also offers courses in French, German and English languages at the certificate level and diploma in the French and English languages.

## Career Opportunities

The majority numbers of the students after completing their course work get jobs in Teaching, Foreign Office, Think-Tanks, National/International

NGOs, and Print / Electronic Media.

## Facilities

Well-equipped Reference Library.

## Specific Research Areas

The Centre offers one year (2 semesters) course work programme with core courses in European History, Contemporary European Political and Economic Institutions, Political Geography. Theory and Practice of European Integration, European Union Law, The European Union's Foreign Policy, Basic Course in Economics, Research Communication Skills and Research Methodology. After passing the one-year course work programme students become eligible for thesis writing.

## Faculty Members

### Professors

- Dr. Uzma Shujaat (*Director*)
- Dr. Tasneem Sultana

## Programs Available

- M. Phil. Degree in European Studies
- Ph.D. Degree in European Studies
- German Language Certificate Course
- French Language Certificate Course
- English Language Certificate Course
- French Language Diploma Course
- Italian Language Diploma Course

## For Further Enquiry

**Telephone:** 99261300-6 Ext- 2310

**Website:** [www.asce-ku.com.pk](http://www.asce-ku.com.pk)

**Email:** [asce@uok.edu.pk](mailto:asce@uok.edu.pk)

# Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)

## Introduction

The Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi is an internationally recognized research institute that is involved in innovative research in a wide range of areas of biotechnology. The main objective of the institute is to disseminate hi-tech training using modern technology to produce highly trained skilled human resource for the country. KIBGE focuses on four major research areas including agriculture, environmental, health and industrial biotechnology. The institute aims to foster collaboration between academia and industry. By bringing together talent from different backgrounds, KIBGE aims to develop effective solutions to science and technology problems, thus meeting national needs and propelling socioeconomic development of Pakistan. KIBGE is a place where education and co-curricular activities are synchronized to promote healthier and active research by providing fully equipped research laboratories, auditoriums, library, cafeteria, sports room, guest houses and residential apartments for faculty, scientific staff and students.

## Career Opportunities

Biotechnologists graduated from KIBGE can find career in government based entity such as universities, research institutes or at private centers as research scientists. Alternatively they may find employment in specialized biotechnology and biotech-related industry such as pharmaceutical, health care research organizations, food manufacturing, aquaculture and agricultural industry engaged in business related to life sciences ranging from equipment and chemicals to pharmaceuticals and diagnostics. KIBGE also fosters students and alumni to secure places at various international networking partners abroad.

## Facilities

KIBGE has state-of-the-art laboratory facilities in the field of biotechnology, molecular biology and genetic engineering. The infrastructure of the institute has been developed according to the needs and requirements of innovative and advanced research. The laboratory equipment is comparable with any top ranking university and laboratory of the

technologically advance country. The institute has well equipped laboratories for animal and plant tissue culture, transformation, PCR, electrophoresis, DNA sequencing, cytogenetics, microbiology, genomics and proteomics.

## Specific Research Areas

KIBGE provides students a platform for achieving outstanding scientific level with wide-ranging certified biotechnological skills. The curriculum guarantees biotechnological specialization, ranging from research communication skills to research and development. Other courses include bioinformatics, biostatistics, cytogenetics, environmental and industrial biotechnology human molecular genetics, tissue culture, etc. There are four major areas of research at KIBGE including agriculture biotechnology, environmental biotechnology, industrial biotechnology and medical biotechnology.

## Faculty Members

### Professor Emeritus

- Dr. Syed Irtifaq Ali

### Director General

- Dr. Abid Azhar (*Meritorious Professor*)

### Assistant Professors

- |                    |                        |
|--------------------|------------------------|
| • Dr. S. M. Shahid | • Dr. Saaddia Galani   |
| • Dr. Afsheen Aman | • Dr. Sitwat Zehra     |
| • Dr. Saima Saleem | • Dr. Sehrish Fatima   |
| • Dr. Afsheen Arif | • Dr. Arif Ali Chishti |

### Lecturer

- Mr. Muhammad Hussain

## Programs Available

- M. Phil. & Ph.D. in biotechnology

## For Further Enquiry

Telephone: 99261180-2

# Dr. Panjwani Centre

for Molecular Medicine and Drug Research (PCMD)

## Introduction

The Dr. Panjwani Center for Molecular Medicine and Drug Research (PCMD) International Center for Chemical and Biological sciences, (ICCBS) was established through a generous donation and patronage of Ms. Nadira Panjwani H.I. (Chairperson, Dr. Panjwani Memorial Trust) in the memory of her beloved father, Dr. Mohammad Hussain Panjwani, a leading scholar and philanthropist. The PCMD initiated a number of scientific programs with the objective to find possible treatments of often neglected prevalent diseases of Pakistan, as well as associated human resource development.

The main objective of the Center is to train highly qualified manpower in the emerging new fields of molecular medicine and drug development. The academicians, clinicians and pharmaceutical researchers are brought together to translate basic scientific discoveries into new therapies, vaccines and diagnostic tests. The efforts in the Center is mainly focused on developing greater and more comprehensive understanding of the pattern and causes of most common diseases of Pakistan in order to develop effective diagnostic tools and affordable treatments by using molecular medicinal, chemical and computational methods.

The mission of the Center is to foster excellence and achieve international recognition in the targeted areas of graduate training and research, which are relevant to national needs. To accomplish this mission, the center is involved in:

- enhancing the quality and quantity of scientific training of graduate students in the area of molecular medicine and rational drug designing,
- focusing on the development of new and effective diagnostic, and treatment techniques for prevalent diseases.
- providing forum for information exchange between academic disciplines and raising general awareness about the diseases and their prevention, cure and treatments.

By the advent of next generation DNA sequencing technologies, genome sequencing has become fast, cost effective and robust. Efforts are underway to study human genomes from specific population groups of distinct ethnic and geographic backgrounds to utilize these genomic information in biomedical research. In this scenario, the ICCBS has established a dedicated genomics center as a part of PCMD to strengthen the ongoing molecular medicine research efforts and to train the manpower in this cutting edge area of biology. The building of the center was constructed through the personal donation of Prof. Dr. Atta-ur-Rehman, Patron-in-Chief, ICCBS. The next generation DNA sequence and related equipments have already been procured. Initially, the researchers at the center are sequencing human genomes from Pakistani population. Genome wide analysis will be performed to understand the genetic basis of complex polygenic disorders.

The PCMD also has a MoH (Ministry of Health) certified center for Bioequivalence study and clinical research (CBSCR) and an ISO 9001 certified network of diagnostic center.

## Specific Research Areas with well Equipped Labs Including:

- Bioinformatics and Computational Biology
- Clinical Pharmacology
- Drug Discovery, Design and Synthetic Medicinal Chemistry
- Electrophysiology
- Genomics
- Human Genetics and Gene therapy
- Infectious Agents and Diseases
- Metabolic Disorders
- Molecular Biology
- Molecular Enzymology
- Molecular Epidemiology
- Molecular Immunology
- Molecular Oncology
- Molecular Pharmacology and Drug Resistance
- Neuropharmacology
- Proteomics
- Structural Biology
- Tissue Engineering and Stem Cell Research
- Tropical Disease Research

## Facilities

- Bio bank
- Diagnostic and Clinical Research
- Imaging
- Molecular, Microbial and Drug Banks

## Specific Research Areas

Visit our web site [http://iccs.edu/departments.php?dept\\_id=6](http://iccs.edu/departments.php?dept_id=6)

## Salient Features

- A prestigious research establishment
- Friendly and conducive working environment
- World class laboratories and research facilities
- Research supervised by some of the most productive and internationally recognized scientists of the country
- Hands on training on the advanced instruments
- Participation in international events organized regularly
- Interaction with international community of researchers
- Social gatherings and academic interactions with eminent visiting experts
- Scholarships available for all deserving scholars (Rs. 18,000 for M. Phil. and Rs. 33,000 per month for Ph. D. students)
- Free GRE tutorial and payment of ETS-GRE examination
- Hostel facilities for Boys and Girls on first-come-first basis
- Sports facilities for ICCBS scholars
- Career guidance and counseling
- Prospects of post-doctoral training in top laboratories of the world
- Selected as UNESCO Pasteur Institute
- W.H.O. collaborating center
- UNESCO, OIC, TWAS and COMSTech center of excellence

## Faculty Members

Visit our website: [www.iccs.edu](http://www.iccs.edu)

## Programs Available

- M. Phil. / M. Phil. Leading to Ph.D. and Ph.D. in various disciplines of Molecular Medicine.

## For Further Enquiry

**Telephone:** 922134824924-5, 34819010

**Website:** [www.iccs.edu](http://www.iccs.edu)



Institute of

# Environmental Studies

## Introduction

The subject of environmental studies is interdisciplinary, in which the relationships of humans with their physical, biological and social environments are discoursed. The subject provides an integrated approach to the understanding and the solution of the environmental issues that range from the human community health to the global climate change. The subject emphasizes the importance of sustainable development to ensure the continuous supply of materials and constant removal of wastes and recovery from the damages that occur due to human's activities, particularly after Industrial Revolution.

The Institute of Environmental Studies was founded in 1982 for developing the human resources to address the environmental issues of the country. This is the oldest institute in the field of environmental studies. Initially the institute offered M. Phil and Ph.D. Programmes. Later, in 1996, the Evening Programme was started for offering M.Sc. degree. Currently the Institute of Environmental Studies offers B.Sc. (Hons.), M.Sc., M.Phil, and Ph.D. degrees in both the Evening and the Morning Programmes. So far, the Institute has produced Seven Ph.D. scholars and hundreds of BSc. (Hons) and M.Sc. graduates. The Institute's graduates are currently serving in a number of national and international organizations.

The Institute provides air-conditioned lecture halls, laboratories, audio-visual facilities for the students. The Institute enjoys focal position on a number of environmental issues and activities for many national and international organizations such as WHO, UNEP, IUCN, WWF, LEADS etc. The Institute has organized many national and international workshops and seminars in collaboration with the Higher Education Commission and the Ministry of Health and Environment. The Institute has many Ph.D. faculty members which regularly publish their research works in various national and international journals.

Apart from regular teaching and research, the Institute has been regularly organizing short-term training activities for in-service personnel and for those who are involved in research and development programmes. The Mission of the Institute is to produce highly skilled man-power who could handle contemporary environmental issues and well-being of mankind, disseminate, apply and use knowledge of environment and related fields to meet the basic human needs for the improvement of environmental quality and to meet the Millennium Development Goals (MDG).

## Career Opportunities

After completing the B.Sc. (Hons.), M.Sc., M.Phil, and Ph.D. degree programmes, the graduate would be able to take up managerial, technical and consultative responsibilities in various industries, multinational companies, civic agencies, consulting firms, environmental health laboratories and organizations, educational and research institutions and environmental protection agencies (EPAs). The Evening Programme of the Institute provides an excellent opportunity for in-service professionals, particularly those who are engaged in any environment related occupation to enhance their education and understanding of the subject.

## Facilities

The Institute is equipped with advanced laboratories, an updated library and modern equipments that help in researching on the global issues.

## Specific Research Areas

- Global Climate Change and its impacts in Pakistan
- Capable of designing and developing low cost wastewater treatment and disposal systems for small and medium size communities.
- Agriculture sustainability through the use of treated wastewater.
- Treatment of water for potable use
- Public health aspects of wastewater treatment, disposal and reuse.
- Wastewater reclamation technology in hot climate for agriculture and fish culture.
- Capable of developing environmental health programme for monitoring and surveillance of water supply and sanitation.
- Industrial pollution control and management.
- Environmental hygiene (food and water hygiene and safety)
- Environmental Impact Assessment
- Marine pollution and control
- Ecological studies
- Biodegradation of hazardous waste
- Urban forestry and urban greening
- Coastal and Marine Conservation
- Air and noise pollution
- Ocean-atmosphere process and biological productivity
- Environmental Remote Sensing

## Faculty Members

### Professors

- Dr. Tariq Masood Ali Khan
- Dr. Omm-e-Hany (*Director*)
- Dr. Moazzam Ali Khan

### Associate Professor

- Dr. Seema Jilani

### Assistant Professors

- Dr. Zafar Iqbal Shams
- Ms. Suraiya Jabeen
- Dr. Waqar Ahmed
- Dr. Aamir Alamgir

### Lecturers

- Ms. Noor Fatima
- Ms. Humaira Kanwal

## Programs Available

- B.Sc.(Hons.)
- M.Sc.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06, Ext-2305  
99261386 (Direct)

**Website:** [www.uok.edu.pk/research\\_institutes/ies](http://www.uok.edu.pk/research_institutes/ies)

**Email:** [ies@uok.edu.pk](mailto:ies@uok.edu.pk)

# H.E.J. Research Institute of Chemistry

(International Centre for Chemical and Biological Sciences)

## Introduction

The H.E.J. Research Institute of Chemistry, International Center for Chemical and Biological Sciences (ICCBS) is one of the developing world's finest research institution and training centers in its field. The large complex, which covers more than 40 hectares, is comprised of 12 research buildings that contain some of the region's most sophisticated laboratory equipment. The complex also includes a pilot plant, powerhouse, green houses, animal house facility, auditorium and a residential with 50 houses, five apartment buildings and an international guesthouse.

The ICCBS carries out original research, training, product development, and service delivery in the chemical, biological, and biomedical sciences. The center also provides diagnostic, analytical, and clinical testing for a broad range of clients on both the public and private sectors nationally and internationally.

Over the past 40 years, more than 700 students have earned doctorate and M. Phil. degrees at the center. These degree-granting programs have served as the focal points of ICCBS efforts to provide world-class training to young scientists coming primarily from developing countries, including those belonging to the Organization of Islamic Cooperation (OIC), an international network comprised of 57 Muslim countries, Non-Aligned Movement (NAM) and African Union.

The ICCBS also conducts cutting-edge research for the discovery of clinically important enzyme inhibitors and antioxidants, explores innovative methodologies for the synthesis of novel pharmacophores and isolate proteins, devises effective pharmacological evaluations of bioactive compounds, and seeks to identify new varieties of horticulture plants through applications of biotechnology.

In addition, the ICCBS organized major international conferences, symposia and workshops for participants from Pakistan and abroad on topics ranging from natural products, molecular medicine, spectroscopy, nanotechnology and computational medicinal chemistry.

Prof. Dr. Atta-ur-Rahman - Pakistan's former minister of science and technology and chair of HEC - currently serves as ICCBS 'Patron-in-chief providing strategic guidance for the center's broad-ranging goals. The current director is Prof. Dr. M. Iqbal Choudhary, the most cited chemist of Pakistan, who was Atta-ur-Rahman's student nearly 30 years ago. Vice Chancellor of Karachi University chairs the ICCBS executive board.

The ICCBS has twice won the Islamic Development Banks (IDB) Prize for best Science and Technology Institution, in 2004 and 2010.

## Career Opportunities

Since the ICCBS is a prime institution of the world, a large number of its graduates are serving the nation in various

capacities. The ICCBS graduating scholars continuously receive offers of post-doctoral and academic positions in foreign, as well as in Universities of Pakistan. The scholars who are not interested in academic positions are welcomed by the local industries as trained R & D or Production Scientists. So far there is not a single instance of any of ICCBS graduate remaining jobless for any considerable period of time.

## Facilities

The center has the single largest doctoral program in the country with over 550 Ph.D. students. The main areas of research, development and training of students include natural product chemistry, molecular medicine, protein chemistry, pharmacology, computational chemistry, nano chemistry, plant biotechnology and human genomics. The analytical, spectroscopic, computational, clinical and other facilities present in the institute are at par to any good institutions in the world. The center also has ISO 17025 / 9001 certified Industrial Analytical Center, and Center for Bioequivalence Studies and Clinical Research which are providing services to over 350 industries in Pakistan.

A number of goal oriented projects related to the chemistry of natural products, molecular medicine, protein chemistry, plant biotechnology and pharmacology of herbal medicine are being vigorously pursued which has led to the award of over 600 doctorate and 100 M. Phil. degrees. The scientific contributions of over 3,800 research papers, 150 books and over 150 international patents have earned international recognition.

## Specific Research Areas

Visit our website: [www.iccs.edu/departments.php?dept\\_id=1](http://www.iccs.edu/departments.php?dept_id=1)

## Faculty Members

Visit our website:

[http://iccs.edu/faculties.php?dept\\_id=1&faculty\\_id=20&parent\\_id=1](http://iccs.edu/faculties.php?dept_id=1&faculty_id=20&parent_id=1)

## Programs Available

- M. Phil. & Ph.D. in various disciplines of Chemistry and Bio-organic Chemistry.

## For Further Enquiry

Telephone: 92-21-99261701-02, 34824930,34,36

34824901-02

Website: [www.iccs.edu](http://www.iccs.edu)

## Centre of Excellence in

# Marine Biology

## Introduction

The Centre of Excellence in Marine Biology (CEMB) offers M. Phil, M. Phil leading to Ph. D & Ph. D. Program in Marine Biology. CEMB was established in the year 1975 under the Centre of Excellence Act of 1974. It is administrated by a Board of Governors whose Chairman is the Vice-Chancellor of the University of Karachi. The Director is the executive & administrative head of the Centre. The Board of Advanced Studies & Research and the Academic Council of the University of Karachi approve the academic program of the Centre. The degrees are awarded by the University of Karachi.

## Career Opportunities

Opportunities for M. Phil & Ph.D. degree holders are available in different National/International research institution and other departments. Federal Marine Fisheries Department, Sindh & Baluchistan Fisheries Departments, National Institute of Oceanography, Institute of Marine Sciences, University of Karachi, and Fishery Industry are key organizations one can consider for job opportunity. Teaching at government / public sector degree colleges & Universities and foreign research institutions are another sector that absorbs CEMB graduates.

## Facilities

- Lecture room with audiovisual support system.
- Laboratories equipped with latest scientific equipment.
- Internet access to students.
- Research Library with huge collection of books, national and international journals and other research materials.
- Teaching museum containing specimens of 500 fishes & 200 invertebrates species.
- Facility to rear live animals for student research.
- Fish Hatchery at Dam, Sonmiani provide facility for aquaculture.
- Transport facility for field surveys along Sindh and Baluchistan coasts.

## Specific Research Areas

Aquaculture, Biochemistry, Chemistry, Ecology, Fisheries, Mangroves, Microbiology, Physical Oceanography, Planktology, Seaweeds, Shellfisheries, etc.

## Faculty Members

### Professors

- Dr. Tasneem Adam Ali (*Director*)
- Dr. Pirzada Jamal A. Siddiqui
- Dr. Ghazala Siddiqui
- Dr. Alia Bano Munshi

### Associate Professor

- Dr. Munawwer Rasheed (*Registrar*)

### Assistant Professors

- Dr. Safia Khanum
- Dr. Noor-us-Saher
- Dr. Nafisa Shoaib
- Dr. Ghulam Abbas
- Dr. Seema Shafique
- Dr. Sher Khan
- Dr. Faiz Muhammad

### Lecturers

- Ms. Zaib-un-Nisa
- Mr. Amjad Ali

## Programs Available

- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06 Ext- 2256  
99261551, 99261397 (*Direct*)

**Fax:** 99261398

**Website:** [www.cemb-ku.edu.pk](http://www.cemb-ku.edu.pk)

**Email:** [cemb@uok.edu.pk](mailto:cemb@uok.edu.pk)

# Marine Reference

## Collection and Resource Centre

### Introduction

The Marine Reference Collection and Resource Centre is the oldest marine biodiversity research centre in Pakistan. It was founded in 1967 as an Invertebrate Reference Museum by renowned marine scientist Prof. Dr. Nasima M. Tirmizi, who was also founder director of the first Institute of Marine Science in Pakistan. MRC&RC has been providing excellent facilities to the marine science community of Pakistan and regional countries. It supports marine biodiversity research through comprehensive taxonomic data on marine fauna and flora and is in fact one of the unique research and training facilities in the region with a mission emphasizing taxonomic research, conservation and education.

The centre, which has only been a feature of invertebrate taxonomic studies, has demonstrated an ability and agility in responding to the management and conservation of marine biodiversity in a national, regional and international context. MRC&RC has a preeminent museum dedicated to inspiring curiosity and learning about the invertebrate fauna through its unparalleled collections, exhibits and research.

So far 40 research projects have been accomplished through the national and international findings/grants. About 674 publications are to the credit of the centre that includes books, monographs, illustrated keys, new findings, popular articles and short communications, etc.

The centre is linked with a number of local and foreign institutions for collaborative research including; Sindh Fisheries Department, National Institute of Oceanography, PCSIR, SUPARCO, Coastal Development Authorities, Marine Fisheries Department, University of Hawaii, USA; University of Putra, Malaysia; University of Chittagong, Bangladesh, University of Kelaniya, Sri Lanka. The Centre became a partner of the Expert- Center for Taxonomic Identifications (ETI) at Amsterdam and obtained users license for ETI Software which involved an exchange of biodiversity data for ETI's World Biodiversity Database and also a member of the International Geosphere – Biosphere Program.

### Career Opportunities

Fair opportunities are available for marine taxonomists in various teaching and research organizations (Government and Non-Government).

### Facilities

The Centre extends research facilities to marine scientist / research students and guidance for advance research for fulfillment of M.Phil. / Ph.D. degrees. So far, 12 Ph.D. 26 M.Phil. 42 M.Sc. (16 thesis + 26 projects) have been accomplished and degrees have been awarded. Presently approximately 9,000 specimen are housed in Museum

(repository) which are carefully maintained upto the international standards, Preservation room, Wet laboratory to conduct research on live specimen, Ichthyology and Pollution lab, Mangrove lab, Molluscan lab, Plankton lab, Photographic lab, an Auditorium and Museum library with more than 3000 books, journals, reports, proceedings etc. A shore laboratory / Marine Research Station situated at Sandspit beach is also part of Marine Reference Collection and Resource Centre.

### Specific Research Areas

The Centre supports marine biodiversity research through comprehensive taxonomic data on marine fauna & flora and thus offers research and training facilities in the region with a mission emphasizing on conservation and education.

- Survey, monitoring and assessment of coastal habitats and its biodiversity.
- Collection of fauna and flora from shores, offshore waters and harbors.
- Maintenance of collections, sorting, curating, preservation and storing.
- Identification, documentation, registration and cataloguing.
- Publication of conclusions in the form of reports, monographs, illustrated keys, as well as presentation of papers at the national, international seminars / workshops, etc.
- Exchange of material as loan or donation.
- Services extended to local and foreign scientists, through providing advice and consultation on the management of biological resources of our seas.
- Research supervision/guidance for full/partial fulfillment of M.Sc., M. Phil./Ph.D. degrees.
- Training of manager/scientists from govt. and non-govt. organizations.
- Planning and undertaking research projects.

### Programs Available

- Post graduate research supervision
- Co- supervision of M. Phil. & Ph.D. students

### For Further Enquiry

**Telephone:** 021-99261645

021-99261300-06 Ext-2257

**Website:** [www.uok.edu.pk/research\\_institutes/mrcrc](http://www.uok.edu.pk/research_institutes/mrcrc)

**Email:** [www.mrcc@uok.edu.pk](mailto:www.mrcc@uok.edu.pk)

Institute of

# Marine Science

## Introduction

Institute of Marine Science (IMS) was established in 1981 to acquire superior knowledge of our marine environment. Advanced knowledge of the sea and skills in various fields of marine science are required for mariculture, seafood quality, seaweed culture, seashells/pearl industry, oil/ gas operators and naval warfare, etc. The IMS undertakes research in marine science including ecological, biological, biochemical, chemical, and geological studies on marine life of northern Arabian Sea. Marine resources of Pakistan are still untapped, which must be given due attention to contribute greater share in economic growth of Pakistan. Without requisite expertise in various fields of marine science it is not possible to exploit the immense wealth of our productive, rich coastal zones and continental shelves.

The Institute's mission is to conduct avant-garde research, train young scientists, provide expertise to governmental or nongovernmental agencies and industries to accomplish optimal protection for and exploitation of our marine resources and to promote fresh knowledge to constitute public policy and maritime doctrine.

## Career Opportunities

- Costal Development Authority,
- Environmental Protection Agency (EPA),
- Fisheries Harbour Authority,
- Foods and Resource Economics,
- Forest Department,
- Int. Union for Conservation of Nature (IUCN)
- Livestock & Fisheries Department Sindh,
- Marine Fisheries Department (MFD),
- Marine Observatories,
- Middle East and Far East countries where aquaculture and industries related to marine resources are highly developed,
- National Institute of Oceanography,
- Naval Hydrography and Shipping Industries,
- Pakistan Council of Scientific and Industrial Research (PCSIR) Laboratories,
- Pakistan Maritime Agency (PMA),
- Pharmaceutical Industries,
- Salt Industries,
- Sea Food Processing Industries,
- Sindh Environment Protection Agency (SEPA),
- Teaching departments of institutes, colleges and universities,
- Wildlife Department,
- World Wildlife Fund.

## Facilities

The institute has computer and internet facility, which provides access to digital library of University of Karachi as well as various scientific data basis. Software packages are also available, which enable collection of relevant background literature and statistical analysis of large data sets.

## Specific Research Areas

- Algal fuel extraction,
- Biodiversity of marine flora and fauna,
- Biofertilization,
- Chemical and biochemical study of marine organisms, seawater and sediments,
- Ecological studies of marine organisms in different coastal areas of Karachi and Baluchistan,
- Exploration of Marine Resources,
- Mariculture,
- Phycoremediation,
- Pollutants of marine environment,
- Seaweed compost,
- Study of seawater and sediment of Badin, Sindh
- Taxonomy of different marine organisms.

## Faculty Members

### Professor

- Dr. Rashida Qari (*Director*)

### Assistant Professors

- Dr. Ehsan Elahi Valeem
- Dr. Nuzhat Afsar
- Dr. Muhammad Shoaib Kiani

### Lecturer

- Ms. Nazia Arshad

## Programs Available

- B.Sc.(Hons.)
- M.Sc.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6 Ext- 2378  
99261379 (*Direct*)

**Website:** [www.uok.edu.pk/research\\_institutes/ims](http://www.uok.edu.pk/research_institutes/ims)

**Email:** [ims@uok.edu.pk](mailto:ims@uok.edu.pk)

# National Nematological

## Research Centre

### Introduction

National Nematological Research Centre (NNRC) is a leading research and educational institute dedicated to the generation, acquisition of knowledge about Nematology in Pakistan. NNRC was established in 1974 and now has come to symbolize as an efficient, dynamic and forward looking research centre in Pakistan. Nematology is a highly specialized field of biological sciences including agriculture and provides services of specialists dealing with nematodes. NNRC is the only research as well as academic centre, which is solely associated with the study and research of Nematology in the country. The main objective of NNRC is to promote the subject of Nematology so as to generate highly trained manpower through M. Phil / Ph. D. degree program. NNRC has now got ISO Certification 9001 – 2015 for the compliance of its Diagnostic services and Education program. Ph.D. program in Nematology is aimed at imparting a full range of knowledge, awareness and expertise in Nematology to meet the challenges of the new millennium. International and national scientific conferences, seminars and training workshops are also organized as a part of the routine work/study. NNRC has regularly published bi-annual scientific journal, *Pakistan Journal of Nematology* (PJN) since 1983 and PSN Newsletter since 2002, covering the significant research in fundamental and applied Nematology within and outside the country, besides several books, booklets, manual, proceedings and many national and international patents. The centre also has collaborations in research with many international and national agricultural research institutions and universities including other departments of the University of Karachi. The website of PJN: [www.pjn.com.pk](http://www.pjn.com.pk)

### Career Opportunities

Nematology is a professional discipline and there are vast career opportunities in various disciplines. Research and teaching jobs are available for the NNRC graduates in agriculture related organizations/ universities/ institutions in the country and abroad.

Wide range of career opportunities are also accessible in various organizations such as PARC, NARC, Plant Protection, Pakistan Atomic Energy Commission, Institutes of Biotechnology & Genetic Engineering, Environmental Protection Agency, Integrated Pest Management (IPM) services, Quarantine, Seed Certification, Pesticide formulations, Food Industries and Research and Development private sector and marketing. The Nematologists are also hired for diagnostic and consultancy services for the field and laboratory services.

### Facilities

NNRC has well equipped laboratories for research work on fundamental and applied Nematology of plant parasitic,

free-living soil, fresh water, marine and entomopathogenic nematodes. NNRC also has three large modern and well-equipped research laboratories for advanced molecular taxonomy of nematodes especially EPN, their mass production and formulation of these biocontrol agents as biopesticides. Over 19,000 permanent identified slides and vials of wet suspension of nematode specimens, large experimental field and two green houses are also available to the students and scientists for their research purpose. Computer facilities and internet access are available for researchers. The seminar Library has a collection of more than 1000 books, journals and periodicals about nematology.

### Specific Research Areas

The nematology research programme includes work on the molecular taxonomy, biology, pathogenicity, population dynamics, control of plant parasitic nematodes, use of marine nematodes as pollution indicators, entomopathogenic nematodes, the beneficial nematodes in the biological control of insect pests of agriculturally important crops as biopesticides and their mass production, use of free-living soil nematodes as biofertilizers and more importantly the human nematology which is going to be established soon. Short and long term training programmes in Nematology are also arranged for researchers, students, extension workers and farmers of the country. 18 Ph. D. and 3 M. Phil. degrees have so far been awarded. At present, 12 M.Phil / Ph.D. Students are doing their research work. About 40 research projects funded and sponsored by international and national agencies have been completed successfully and some are in progress. More than 1500 research publications are credit to the centre.

### Faculty Members

#### Professor

- Dr. Shahina Fayyaz (*Director*)

### Programs Available

- M. Phil. & Ph.D. in Nematology and other Biological Sciences (Agriculture, Biotechnology, Botany, Genetics, Marine Science, Microbiology and Zoology)
- Training Certificate Programs.

### For Further Enquiry

Telephone: 99261387

Website: [www.uok.edu.pk/research\\_institute/nnrc](http://www.uok.edu.pk/research_institute/nnrc)

Email: [nnrc@uok.edu.pk](mailto:nnrc@uok.edu.pk)

# Pakistan Study Centre

## Introduction

Pakistan Study Centre was established under an Act of the Parliament passed in 1976. The Centre began functioning in 1983 and since then it has developed into a prestigious institute of higher learning and research. Apart from conducting courses at Masters/M.Phil./Ph.D. levels, the Centre has excelled in original in-house and contractual research that has received wide acclaim both at the national and international levels. Its research journal *Pakistan Perspectives* is regarded as one of the most prestigious journals of social sciences published in Pakistan. It has also been approved by the Higher Education Commission (HEC) as 'Y' category journal whose articles are accepted for academic promotions. The Centre has the privilege that one of its alumni Dr. Muhammad Ali Siddiqui earned the D.Litt. degree while Prof. Sharif al Mujahid, a renowned scholar of international repute was designated as the Distinguished National Professor associated with the Pakistan Study Centre.

The Centre has also organized numerous international and national conferences apart from regular in-house seminars and symposia.

The Master's program of the Centre is based on a multi-disciplinary course which enables the students to compete in the civil service examinations and also seek place in the teaching profession.

## Career Opportunities

A Masters in Pakistan Studies is so trained that he/she may compete (with utmost confidence) in any exam or test held for a post with a Master's degree requirement. The Masters of Pakistan Studies have also found places in civil service, faculties of universities & colleges, NGOs and Research Organizations.

## Facilities

The Centre provides all academic facilities to the students. It has an excellent library with over 16,000 titles. The library also houses a number of personal collections belonging to Prof. Hamza Alavi, renowned journalist and author Zamir Niaz. Prof. A.B.A Haleem, Critics Mumtaz Shinn and Samad Shaheen, senior journalist and literary figure Hasan Abidi, Dr. Aquila Kiani and Prof. Dr. S. H. M. Jafri. As per the rules, the Centre allows full and half freeships in the tuition fee to the deserving students. Students are also facilitated in conducting of study tours of historical places and archaeological sites.

## Specific Research Areas

- History and Historiography of Pakistan.
- Sufism and Islamic Modernism.
- Constitution and Political Development in Pakistan.
- Social Change in Pakistan.
- Literature, Art and Architecture in Pakistan.
- International Affairs with special reference to Pakistan.
- Political Economy of Pakistan.

## Faculty Members

### Professor

- Dr. Anwar Shaheen (*Director*)

### Assistant Professor

- Dr. Navin G. Haider

### Lecturers

- Ms. Sadaf Masood
- Mr. Yasir Hanif
- Ms. Erum Muzaffar

## Programs Available

- M.A.
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261631 (*Direct*)

99261300-06, Ext-2402

**Fax:** 99261632

**Website:** [www.uok.edu.pk/research\\_institutes/psc](http://www.uok.edu.pk/research_institutes/psc)

**Email:** [psc@uok.edu.pk](mailto:psc@uok.edu.pk)

Centre for

# Plant Conservation

## Introduction

Centre for plant Conservation was established at the Karachi University with the funding of HEC. The Centre is divided into two major sections: (i) Botanic garden and (ii) The herbarium, Centre for plant Conservation is the hub of Academic and research activities. Herbarium is a fundamental source of identification of plants and permanent reference centre. It serves basic need of identification for basic and applied research in botany, biology, agriculture, pharmacy, genetics pharmaceutical chemistry, aerobiology and biotechnology. Aim of the Centre is to provide and promote facilities for advanced study and research in various aspects of plant conservation, plant systematic and ethno botany. It enhances the knowledge of plant conservation and sustainable utilization of plant biodiversity of rare and endemic plants of Pakistan and also provides opportunities for collaborative research with related department/ institutes.

## Career Opportunities

Students holding M. Phil./Ph.D. degrees from Centre for plant Conservation can apply in different academic and research institutions and scientific organizations

## Facilities

**Tissue culture Laboratory:** A well-equipped laboratory is working to conserve the country's rare plant species, through in-situ as well as ex-situ conservation. Herbarium Library has more than 2000 books and 240 journals dealing on taxonomy for research scholars and students, and numbers of floras and monographs. Herbarium has more than 150,000 plants species (mostly flowering plants), including those which are several decades old. Scanning Electron microscope, seed Bank: has been established in the botanic garden, which contain seeds of more than 350 different species including wild, cultivated, ornamental and medicinal plants and many more are under process, internet facilities also available.

## Specific Research Areas

Plant taxonomy, Plant biodiversity, Plant Conservation, Tissue culture, Germ plasma storage, Ethno botany and Horticulture.

### Faculty Member Professor

- Dr. Anjum Perveen (*Director*)

### Assistant Professor

- Dr. Roohi Bano

### Programs Available

- M. Phil. & Ph.D.

### For Further Enquiry

**Telephone:** 99261300-6 Ext- 2557, 2371

**Website:** [www.uok.edu.pk/research\\_institutes/cpc](http://www.uok.edu.pk/research_institutes/cpc)

**Email:** [cpc@uok.edu.pk](mailto:cpc@uok.edu.pk)



National Centre for

# Proteomics

## Introduction

Proteomics refers to the study of all proteins being expressed in a tissue, cell or an organ at a particular point and time. It reflects a snapshot of expressed proteins in the sample being analyzed. Proteomics is being utilized globally as a core technology to understand the role of protein molecules involved in health and disease. The cutting edge technologies used in Proteomics have a much greater impact in terms of early diagnosis and offers tremendous potential in prevention and therapeutics. A recently established Institute, NCP is working to facilitate fundamental understanding of disease states by discovery of biomarkers and translation of these advances to improve clinical diagnostics using laboratory investigations and bioinformatics methods. Proteomic technologies use a combination of chromatography, electrophoresis, Mass spectrometry and bioinformatics tools. Various projects on different types of cancers, diabetes, eye disorders, role of glycation and antioxidants in aging are in progress at the institute. During the last five years the institute has produced 06 Ph.D. and 01 M.Phil.

## Career Opportunities

Proteomics is a specialized field that deals mainly with identification of proteins, analyzing post-translational modifications, studying differentially expressed proteins etc. The field is suitable for students interested in developing their career as a researcher particularly in the area of protein chemistry. Researchers are trained through lectures, wet lab and dry lab sessions in latest techniques involved in genomics and Proteomics. Students completing M.Phil./Ph.D. degree are likely to get job opportunities in research and development organization, Universities, Pharmaceutical industries, medical college and Universities and pathological laboratories, etc.

## Facilities

NCP has state-of-the-art facilities in the field of Proteomics. The Institute is equipped with instruments such as one and two dimensional electrophoresis, Western blot, gel doc with image analysis software like quantity one/PD Quest, spot cutter, conventional and high pressure liquid chromatographic technique with accessories, Millipore water purification system, ice flake machine, FPLC, PCR, QPCR, and LC-MS. NCP also has a computer lab with complete *in-silico* solutions for data analysis, protein structure

prediction, web based searches and protein docking studies. NCP has a library with different reference books and journals related to genomics and proteomics.

## Specific Research Areas

- Proteomics profiling of oral carcinoma
- Drug induced apoptosis in Hepatocellular carcinoma
- Oxidative stress in aging and diabetes
- Glycation and aging
- Plasma proteomics in Thalassemia subjects
- Drug screening against RNA/DNA Viruses
- Venom Proteomics
- Stem Cell Research
- Blood Disorders (Thalassemia)
- Heavy Metal Induced Apoptosis
- Renal Disorder
- Drug induced modifications in Breast Cancer

## Faculty Members

### Professor

- Dr. Shamshad Zarina (*Director*)

### Assistant Professors

- Dr. Zehara Manzoor
- Dr. Faraz Moin

## Programs Available

- M. Phil. & Ph.D.
- Ph.D.

## For Further Enquiry

**Telephone:** 99261300 Ext-2548

**Website:** [www.ncp-uok.edu.pk](http://www.ncp-uok.edu.pk)

**Email:** [ncp@uok.edu.pk](mailto:ncp@uok.edu.pk)

## Institute of

# Space & Planetary Astrophysics

## Introduction

The main objective of Institute of Space and Planetary Astrophysics (ISPA), University of Karachi is to promote Space Science Education in Pakistan and to carry out research in Space Science and Technology. The institute has already produced quality research work in diversified areas of Space Science. ISPA has collaboration with Pakistan Space Agency SUPARCO, Centre for Astrophysics and Supercomputing, Swinburne University of Technology, Australia and School of Marine and Atmospheric Science, Stony Brook University, NY, USA.

ISPA is offering admission to B.Sc. (Hons.) and M.Sc. degree programs in Space Sciences and Technology. These programs will provide a broader background for understanding linkages between space science, engineering and technology.. In fact, these undergraduate programs are multi-disciplinary programs which include Electronics, Digital Signal processing, Communications Systems, Satellite Communication, Global Navigation Satellite System, Aero-Space Science. Computational Astronomy, Computer Programming and Remote Sensing & GIS.

## Career Opportunities

Our graduates will have job openings in SUPARCO, NESCOM, PIA, Pakistan Meteorological Department, Pakistan Tele-communications Corporation Ltd., Pakistan Sui Sothern Gas Company and Oil & Gas Development Ltd. Etc.

## Facilities

- ISPA Observatory is equipped with Meade 16 inch LX-200 Coma free telescope automated equatorial pier mount, CCD camera including computers, filters, weather station and software, We have also one movable telescope.
- Computational Astronomy Lab: The computer lab is equipped with space science related software.
- GIS Lab
- GPS Lab
- Digital Library
- Seminar Library

## Specific Research Areas

- Computational and Observational Astronomy
- Cosmology / Astrophysics
- Space Flight Dynamics
- Global Navigation Satellite System (GNSS)
- Satellite Communication / Space Antennas
- Remote Sensing and Geographical information Science (GIS)
- Atmospheric Science
- Solar and Ionospheric physics

## Faculty Members

### Professor

- Dr. Muhammad Jawed Iqbal (*Director*)

### Associate Professor

- Mr. Mudassar Hassan Arsalan

### Assistant Professors

- Dr. Mirza Jawwad Baig
- Dr. Naeem Sadiq

### Lecturers

- Mr. Muhammad Anas Qureshi
- Mr. Syed Fayyaz Ur Rasheed
- Mr. M. Saleem Khan

## Programs Available

- B.Sc.(Hons.) (Space Science & Technology)
- M.Sc. (Space Science & Technology)
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-6, Ext- 2443

**Website:** [www.uok.edu.pk/research\\_institutes/ispa](http://www.uok.edu.pk/research_institutes/ispa)

**Email:** [ispa@uok.edu.pk](mailto:ispa@uok.edu.pk)

# Institute of Sustainable Halophyte Utilization

## Introduction

ISHU was established in 2006 with the aim to serve humanity by utilizing indigenous salt tolerant plants as a source of food, medicine, fodder, forage and biofuel. ISHU has already made significant breakthroughs in saline agriculture on barren lands and is host to first-ever UNESCO Chair for Sustainable Halophyte Utilization. Research carried out by the students and Faculty at ISHU has so far published more than 400 articles in journals of international repute.

## Career Opportunities

ISHU graduates can apply for teaching and research positions in public and private institutions, colleges, universities and R&D organizations related to plant sciences.

## Specific Research Areas

- Ecology
- Eco-physiology
- Biochemistry
- Molecular Biology
- Ethnobotany

## Facilities

ISHU has state-of-the-art facilities for carrying out research in lab, green-house and field conditions. Salt tolerant plants have the potential to become non-conventional future crops which may be utilized as food, feed, fiber, medicines and ornamentals. Instruments such as Atomic absorption spectrometer, CNS analyzer, GC-MS, HPLC, Ion Chromatograph, Gel Doc System, PCR's, Li-COR Photosynthesis system, Walz PAM fluorometer, Osmometer and Plant Water Status Console are available.

## Faculty Members

### Professor

- Dr. Bilquees Gul (*Director*)

### Associate Professors

- Dr. Salman Gulzar
- Dr. Irfan Aziz

### Assistant Professors

- Dr. Muhammad Zaheer Ahmed
- Dr. Abdul Hameed

### Research Officers

- Dr. Muhammad Zainul Abideen
- Dr. Muhammad Qasim
- Dr. Tabassum Hussain

## Programs Available

- M. Phil. & Ph.D. in Botany (ISHU)

## For Further Enquiry

Telephone: 99261317, 32044350

99261300-06 Ext- 3333

Website: [www.halophyte.org](http://www.halophyte.org)

Email: [halophyte@uok.edu.pk](mailto:halophyte@uok.edu.pk)

# Women's Studies

## Introduction

Since the last 28 years Centre of Excellence for Women's Studies (CEWS) University of Karachi has been offering teaching and research facilities in a friendly environment to prepare students to act as agents of change. We are the first to offer M.A. and M. Phil/Ph.D. degree programs in Pakistan, currently the Centre offers M.A., B.A.(Hons.) (Morning / Evening) and M.Phil. / Ph.D. programs. Women's Studies, an interdisciplinary subject, aims to make visible women's role and contribution towards building a gender-bias free society for a holistic development of the nation. We offer a variety of courses to address the issues of women and gender, both nationally and internationally. The major focus of our teaching and research is to bridge the gap between the academia and women at the grass-root level. Thus, our students move beyond the Campus and interact with women to document their everyday lived experiences.

## Career Opportunities

As Women's Studies prepares students to act as agents of social change, therefore, our students are well equipped and trained to take up jobs that a person qualified in any other discipline can undertake. Majority of CEWS graduates are now hired in various positions by government and non-government agencies. As one of the requirement of our teaching is practicum, our students work as interns with various GOs/NGOs and thus gain practical training and gain experience. To help our students in their future careers, we remain engaged with the corporate sector.

## Facilities

CEWS has well-qualified faculty to help and assist students in their quest for knowledge. We also invite scholars, academics and activists from various fields to share their scholarship and experiences with our students.

Our library with its holding of more than 4000 books, journals, reports on women and gender is the only library of its kind in the country. We have a collection of press-clippings on almost all aspects of women's lives. Our library is accessed not only by our students but it also caters to the academic search needs of scholars, activists and journalist who wish to avail themselves of this facility. Our library catalogue is accessible through electronic portal.

## Specific Research Areas

- Women & Work: Child Labour, Girl Child, Self-Employed Women
- Women Technology & Entrepreneurship
- Women, Religion & Religious Traditions
- Health Concerns of Women & Gender
- Women's History
- Women & Law
- Women & Politics
- Women & Media
- Women Sports & Physical Education
- Psychology of Women
- Development Planning (nationally & globally) and Women

## Faculty Members

### Professor

- Prof. Dr. Nasreen Aslam Shah (*Director*)

### Assistant Professors

- Dr. Asma Manzoor
- Dr. Shagufta Nasreen
- Dr. Aliyah Ali

### Lecturers

- Ms. Seema Manzoor
- Ms. Duaa-e-Rehma

## Programs Available

- B.A. (Hons.) (Morning & Evening)
- M.A. (Morning & Evening)
- M. Phil. & Ph.D.

## For Further Enquiry

**Telephone:** 99261300-06, Ext-2441  
99261654 (Direct)

**Website:** <http://genderstudiespakistan.com/>

**Email:** [cews@uok.edu.pk](mailto:cews@uok.edu.pk)

# Confucius Institute

## Introduction

Confucius Institute at University of Karachi was established on November 29, 2013 under the auspices of Confucius Institute Headquarters Beijing, China. The Confucius Institute devotes itself to satisfy the demands of Pakistani people who learn the Chinese language, to enhance understanding of the Chinese language and culture by them, to strengthen educational and cultural exchange and cooperation between China and Pakistan, to deepen friendly relationships with Pakistan.

The Confucius Institute (Department of Chinese Language and Culture) is an ideal place for the students to experience and learn orthodox Chinese language and culture.

## Facilities

- Institute Library
- Audio-Visual Lab
- Chinese Traditional Culture Display Museum
- Activity room
- Internet Facility for Research Students

## Career Opportunities

Students of the Confucius Institute (Department of Chinese Language and Culture) may enter such a variety of vocational fields as Chinese enterprises, Teaching Chinese, Educational Administration, Business, Banking, Translation (Interpretation), Research of Chinese Language and Culture, to mention only a few. Excellent job opportunities are available for the students of Confucius Institute (Department of Chinese Language and Culture) at home and abroad.

## Specific Research Areas

- Basic Communication Skills for Chinese Language
- Chinese Traditional Culture
- Modern Chinese Language and Literature
- Ancient Chinese Language and Literature
- Chinese Traditional Philosophy
- The Society and History of China
- Cognitive Linguistics in Chinese
- Chinese Linguistics
- Chinese Phonetics

## Academic Opportunities

1. The scholarship categories:
  - i. Scholarship for Students of Master's Degree in

Teaching Chinese to Speakers of Other Language (MTCSOL).

- ii. Scholarship for Students of One-Academic-Year +MTCSOL.
  - iii. Scholarship for Students of One-Academic-Year students.
  - iv. Scholarship for Students of One-Semester Students.
2. Scholarship Coverage and Criteria:  
Scholarship winners are exempted from registration fees, tuition, fees for basic learning materials, accommodation fees on campus, and provided with a one-off resettlement subsidy, monthly allowance, outpatient service and comprehensive insurance to study in China.  
(Further enquiry : <http://english.hanban.org/>)
  3. The students who pass the HSK level 4 or above exams can enroll in China TOP 20 Universities to study. (Further Enquiry: [www.chinesetest.cn](http://www.chinesetest.cn))

## Faculty Members

### Director

- Mr. Li Yong (Professor & Chinese Director)

### Professors

- Ms. Huang Ying
- Ms. You Li
- Ms. Li Xuemei

### Lecturers

- Mr. Wang Lin
- Mr. Wang Kangnan
- Ms. Long Yun Ying
- Ms. Li Hong
- Ms. Li Yu Ling
- Ms. Cheng Ting
- Ms. Zhang Yao
- Mr. Li Wenbiao
- Ms. Miao MuZheng
- Mr. Li Longfei
- Mr. Hu Zhitian
- Ms. Zhang Mengyuan
- Ms. Zeng Li

## Programs Available

- HSK Certificate Course
- Chinese Bridge competition series
- Summer/Winter Camps
- The Confucius China Studies Program:
  - a. Joint Research Ph.D. Fellowship
  - b. Ph.D. in China Fellowship
 (Further Enquiry : [www.chinesetest.cn](http://www.chinesetest.cn))

## For Further Enquiry

Telephone: 99261046

Website: [www.confuciusinstituteuok.com](http://www.confuciusinstituteuok.com)

Email: [ci@uok.edu.pk](mailto:ci@uok.edu.pk)

# Appendix – A

Eligibility for admission to BS, Honors & BA/LLB First Year on open merit basis

## Faculty of Arts & Social Sciences:

S.#	Department	Class	No. of Seats	Required eligibility
01.	ARABIC	B.A.(H)	50	Intermediate or equivalent
02.	BENGALI	B.A.(H)	20	i) Intermediate or equivalent ii) DAE or equivalent
03.	CRIMINOLOGY	B.A.(H)	100	Intermediate or equivalent
04.	GENERAL HISTORY	B.A.(H)	25 65 10	Intermediate with General History Intermediate with any subject DAE
<i>Note:</i> Incase of vacant seats, allocation can be interchanged.				
05.	ISLAMIC HISTORY	B.A.(H)	100  10	i) Intermediate Arts (with Islamic History) ii) Intermediate Arts (Preference will be given to candidates with Islamic Learning, General History or Arabic) DAE
<i>Left-over seats will be given to Intermediate or equivalent.</i>				
06.	PERSIAN	B.A.(H)	40	Intermediate / DAE
07.	PHILOSOPHY	B.A.(H)	60	Intermediate (Science, Arts, Commerce), Diploma in Fine Arts or equivalent
08.	PSYCHOLOGY	B.A./B.Sc.(H)	25 18 02	Intermediate Arts/Science (with Psychology) Intermediate Arts / Science / Commerce / Home Economics/ Computer Science / A-Level with (1 <sup>st</sup> division) DAE (with 1 <sup>st</sup> Division)
<i>Note:</i> Incase of vacant seats, allocation can be interchanged.				
09.	POLITICAL SCIENCE	B.A.(H)	60 10	Intermediate (with Civics) Intermediate Science or Commerce (with at least 50% Marks)

S.#	Department	Class	No. of Seats	Required eligibility
10.	<b>SINDHI</b>	B.A.(H)	75	Intermediate Arts / Science / Commerce
11.	<b>SOCIOLOGY</b>	B.A.(H)	60	Intermediate Arts: i) 1st division with Sociology ii) 1st division with Economics Civic, Psychology, Education, Social Work or Statistics iii) Intermediate with 45% marks in Sociology iv) Intermediate with Economics, Civic, Psychology, Education, Social Work or Statistics
<b>Note:</b> Admissions will be given according to above order of priority.				
			05	Intermediate Science with at least 55% marks
			05	Intermediate Commerce with at least 55% marks
12.	<b>SOCIAL WORK</b>	B.A.(H)	35 05 05 05	Intermediate Arts Intermediate Science (Pre-Medical) Intermediate Science (Pre-Engineering) Intermediate Science with Computer Science
13.	<b>URDU</b>	B.A.(H)	100	Intermediate with Urdu Advance or Urdu Compulsory
14.	<b>WOMEN'S STUDIES</b>	B.A.(H)	100	Intermediate or equivalent

### Faculty of Science:

01	<b>AGRICULTURE &amp; AGRIBUSINESS MANAGEMENT</b>	BS	50	Intermediate Science or equivalent
02.	<b>APPLIED CHEMISTRY &amp; CHEMICAL TECHNOLOGY</b>	B.Sc.(H)	96 15	Intermediate Science / A Level (with Mathematics, Physics and Chemistry) DAE (with Chemical Technology)
03.	<b>BIOCHEMISTRY</b>	B.Sc.(H)	65	Intermediate Science (with Chemistry and Biology)

S.#	Department	Class	No. of Seats	Required eligibility
04.	<b>BOTANY</b>	B.Sc.(H)	100	Intermediate Science (Biology Group)
05.	<b>CHEMISTRY</b>	B.Sc.(H)	120 05	Intermediate Science (with Chemistry) DAE
06.	<b>GEOGRAPHY</b>	B.A./B.Sc.(H)	60 30 10 30	Intermediate Science (Pre-Engineering) Intermediate Science (Biology Group) Intermediate Science with Computer Science Intermediate Arts / Commerce
07.	<b>HEALTH, PHYSICAL EDUCATION &amp; SPORTS SCIENCES</b>	B.Sc.(H)	15 08 07	Intermediate Science (Pre-Medical) Intermediate Science (Pre-Engineering) Intermediate Arts / Commerce
08.	<b>GEOLOGY</b>	B.Sc.(H)	75	Intermediate Science (Pre-Engineering / Pre-Medical)
09.	<b>INSTITUTE OF SPACE AND PLANETARY ASTROPHYSICS</b>	B.Sc.(H) (Space Science & Technology)	90 10	Intermediate Science with Mathematics and Physics. DAE (Electrical, Electronics, Mechanical, Radio, T.V., Telecommunication, Computer Information Technology)
10.	<b>MARINE SCIENCE</b>	B.Sc.(H)	30	Intermediate Science: (Pre-Medical/ Pre-Engineering/ General Science)
11.	<b>PHYSICS</b>	B.Sc.(H)	120 06	Intermediate Science (with Physics and Mathematics) DAE (Electronics, Mechanical, Electrical, Radio, T.V., Telecommunication, Computer Information Technology)
12.	<b>PHYSIOLOGY</b>	B.Sc.(H)	100	Intermediate Science (with Biology )



S.#	Department	Class	No. of Seats	Required eligibility
13.	STATISTICS	B.A./B.Sc.(H)	65	Intermediate (Science /Arts) with Mathematics
			05	DAE (with Mathematics)
	ACTUARIAL SCIENCE & RISK MANAGEMENT	BS	60	Intermediate Science /Arts or equivalent examination (with Mathematics) with at least 50% marks)
14.	ZOOLOGY	B.Sc.(H)	120	Intermediate Science (Biology group)

#### Faculty of Islamic Studies:

01.	ISLAMIC LEARNING	B.A.(H)	100	Intermediate Arts, Science, Commerce (preference would be given to students who had optional Islamic Studies or Arabic)
02.	USOOL UDDIN	B.A.(H)	50	Intermediate or equivalent

#### Faculty of Law:

01.	SCHOOL OF LAW	BA/LLB (5 Years)	100	Intermediate or equivalent
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# Appendix – B

## Eligibility for admission to BS/Hons./B.E./B.Ed./BPA/BBA/Doctor of Pharmacy/ Doctor of Physical Therapy on Entry Test basis

Admissions to BS / B.A.(Hons.) / B.Sc.(Hons.) / B.E. / B.Ed. / BPA/ BBA & Doctor of Pharmacy/ Doctor of Physical Therapy in the following departments will be granted on pre-requisite (Intermediate or equivalent) examination after qualifying the Entry Test with minimum 50 % marks in the Entry Test. However, for Faculty of Education the minimum passing marks are forty percent (40%) for the current year.

Admission forms are separately issued for open merit and Entry Test based departments. Candidates seeking admission to open merit departments should not mention the departments of **Appendices A & E** in the form for admission on the entry test basis.

### Faculty of Arts & Social Sciences:

S.#	Department	Class	No. of Seats	Required eligibility
01.	<b>VISUAL STUDIES</b>	Bachelors in Architecture / Design / Fine Arts	115	i) Intermediate or equivalent ii) Diploma from Recognized Technical Board with at least 60% marks

**Admission will be granted on the basis of Aptitude Test.**

**Note:** Weightage for preparation of Merit List is **Academic Record = 50 % + Aptitude Test = 50 %**

02.	<b>ECONOMICS</b>	B.A./B.Sc.(H)	100	Intermediate (with Economics) / Intermediate Commerce
			50	Intermediate Science (with Physics, Mathematics or Statistics)

**Note:** Incase of vacant seats, allocation of seats for Arts or Science can be interchanged.

03.	<b>ENGLISH</b>	B.A.(H)	50	i) 'A' Level (with English Literature) ii) 'A' Level (with English General [A,B or C grade]) iii) Intermediate (with at least 50% marks in Elective English) iv) Intermediate (with at least 50% marks in Advance English) v) Intermediate (with at least 60% marks in English Compulsory)
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**Note:** Admissions will be given according to above order of priority.

04.	<b>INTERNATIONAL RELATIONS</b>	B.A.(H)	35	Intermediate Arts with (Civics, General History, Economics, Sociology, Logic or Geography)
			15	Intermediate Science with 1 <sup>st</sup> Division
			05	Intermediate Commerce with 1 <sup>st</sup> Division

**Note:** Incase of vacant seats, allocation can be interchanged.

05.	<b>MASS COMMUNICATION</b>	B.A.(H)	35	Intermediate (Arts / Science/ Commerce/ Home Economics) or equivalent
			02	DAE

S.#	Department	Class	No. of Seats	Required eligibility
<b>Faculty of Science:</b>				
01.	<b>APPLIED PHYSICS</b>	B.Sc.(H)	38	Intermediate with (Physics and Mathematics)
			02	DAE (Electrical / Electronics)
02.	<b>BIOTECHNOLOGY</b>	B.Sc.(H)	60	Intermediate (Pre-Medical / Pre-Engineering)
03.	<b>COMPUTER SCIENCE</b>	BSCS BS(Computer Science)	105	Intermediate (Pre-Engineering) / Intermediate with (Mathematics, Statistics and Computer Science) / Intermediate with (Mathematics, Statistics and Economics) with at least 55% marks. Intermediate with (Mathematics, Physics and Computer Science) with at least 55% marks. DAE (Mechanical / Electrical / Electronics / Computer Information Technology) with at least 65% marks.
		BSSE BS(Software Engineering)	50	Intermediate (Pre-Engineering) / Intermediate with (Mathematics, Statistics and Computer Science) / Intermediate with (Mathematics, Statistics and Economics) with at least 55% marks. Intermediate with (Mathematics, Physics and Computer Science) with at least 55% marks. DAE (Mechanical / Electrical / Electronics / Computer Information Technology) with at least 65% marks.
04.	<b>DOCTOR OF PHYSICAL THERAPY (DPT)</b> (Department of Health & Physical Education & Sports Sciences)		45	Intermediate Science (Biology Group) With at least 60 % marks
05.	<b>ENVIRONMENTAL STUDIES</b>	B.Sc.(H)	25	Intermediate Science or equivalent
06.	<b>FOOD SCIENCE &amp; TECHNOLOGY</b>	BS	26	Intermediate Science with Physics, Chemistry and Mathematics.
			06	Intermediate Science with Physics, Chemistry and Biology.
07.	<b>MATHEMATICS</b>	B.A./B.Sc.(H)	200	i) Intermediate (Science/Arts) with Mathematics. ii) Intermediate with certificate in Mathematics from University of Karachi.
08.	<b>MICROBIOLOGY</b>	B.Sc.(H)	80	Intermediate Science (with Biology) with at least 50% marks.

S.#	Department	Class	No. of Seats	Required eligibility
<b>Faculty of Engineering:</b>				
01.	CHEMICAL ENGINEERING	B.E.	40	Intermediate Science (with Mathematics Physics and Chemistry ) with at least 60% marks.
			02	DAE with at least 60% marks.
<b>Faculty of Education:</b>				
01.	EDUCATION	B.A.(H)	50	Intermediate Arts, Science, Commerce or Home-Economics (Preference to be given with Education)
			02	DAE
02.	SPECIAL EDUCATION	B.A.(H)	50	Intermediate Arts, Science, Commerce
03.	TEACHER DUCATION	B. Ed.	50	Intermediate or equivalent with at least 50% marks
<b>Faculty of Management &amp; Administrative Sciences:</b>				
01.	KARACHI UNIVERSITY BUSINESS SCHOOL	BBA	50	Intermediate / A-Level with at least 50% marks
02.	PUBLIC ADMINISTRATION	BPA	60	Intermediate (Arts, Science, Commerce) or equivalent
			10	DBA / DAE
03.	COMMERCE	BS	30	Intermediate (Commerce) with at least 50% marks.
			30	Intermediate (Arts / Science) with at least 50% marks.
<b>Faculty of Pharmacy and Pharmaceutical Sciences:</b>				
01.	PHARMACY	Doctor of Pharmacy	200	Intermediate Science (Biology Group) with at least 60% marks.

# Appendix - C

## Major and Subsidiary Subjects for BS & Honors in the Faculty of Science.

The subjects are to be selected according to the following table:

APPLIED CHEMISTRY & CHEMICAL TECHNOLOGY	
Subsidiary - I	Subsidiary - II
Mathematics	Physics

APPLIED PHYSICS	Subsidiary - I	Subsidiary - II
	Mathematics	Physics

BIOCHEMISTRY	Subsidiary - I	Subsidiary - II
	Chemistry	Botany
	Chemistry	Zoology
	Chemistry	Microbiology
	Botany	Zoology
	Microbiology	Botany
	Microbiology	Zoology
	Chemistry	Physiology
	Biostatistics	Mathematics
	Zoology	Physiology
	Botany	Physiology
	Physiology	Microbiology
	Biostatistics	Chemistry
	Biostatistics	Microbiology
	Biostatistics	Physiology
	Biostatistics	Zoology
	Biostatistics	Botany

BOTANY	Subsidiary - I	Subsidiary - II
	Chemistry	Zoology
	Chemistry	Microbiology
	Chemistry	Geology
	Chemistry	Physiology
	Zoology	Geology
	Zoology	Geography
	Biochemistry	Zoology
	Biochemistry	Chemistry
	Biochemistry	Microbiology
	Biochemistry	Physiology
	Biostatistics	Zoology
	Biostatistics	Geography
	Biostatistics	Chemistry
	Biostatistics	Biochemistry
	Biostatistics	Physiology
	Biostatistics	Microbiology

CHEMISTRY	Subsidiary - I	Subsidiary - II
	Physics	Mathematics
	Botany	Zoology
	Statistics	Mathematics
	Biochemistry	Botany
	Biostatistics	Zoology
	Biostatistics	Geography
	Biostatistics	Physiology

Biostatistics	Biochemistry
Biostatistics	Microbiology
Biostatistics	Botany
Microbiology	Physiology
Microbiology	Botany
Botany	Geology
Zoology	Geology
Geography	Geology
Statistics	Mathematics
Biochemistry	Zoology
Biochemistry	Physiology
Biochemistry	Microbiology

ECONOMICS	Subsidiary - I	Subsidiary - II
	Geography	Geology
	Chemistry	Geology
	Chemistry	Microbiology
	Chemistry	Geography
	Mathematics	Statistics
	Mathematics	Geography
	Physics	Mathematics

GEOGRAPHY	Subsidiary - I	Subsidiary - II
	Mathematics	Physics
	Mathematics	Economics
	Geology	Chemistry
	Geology	Mathematics
	Chemistry	Geology
	Botany	Zoology
	Botany	Biostatistics
	Zoology	Psychology
	Chemistry	Biostatistics
	Zoology	Biostatistics
	Botany	Psychology
	Mathematics	Statistics
	Mathematics	Biostatistics
	Geology	Biostatistics

GEOLOGY	Subsidiary - I	Subsidiary - II
	Chemistry	Physics
	(Only for Pre-Engineering Group)	

Chemistry	Geography
Chemistry	Botany
Chemistry	Zoology
Botany	Zoology
Geography	Biostatistics
Geography	Mathematics
Mathematics	Physics

## Appendix - C

<b>MATHEMATICS</b>		
	<b>Subsidiary - I</b>	<b>Subsidiary - II</b>
	Physics	Geology
	Physics	Geography
	Physics	Chemistry
	Physics	Statistics
	Geography	Statistics
	Statistics	Economics
	Physics	Economics
	Geography	Economics
	Chemistry	Geology
	Geography	Geology
	Geography	Chemistry
	Geology	Statistics
	Geology	Economics
	Statistics	Chemistry
	Chemistry	Economics

<b>MICROBIOLOGY</b>		
	<b>Subsidiary-I</b>	<b>Subsidiary - II</b>
	Botany	Chemistry
	Chemistry	Zoology
	Biochemistry	Botany
	Biochemistry	Zoology
	Biochemistry	Chemistry
	Biochemistry	Physiology

<b>PHYSICS</b>		
	<b>Subsidiary-I</b>	<b>Subsidiary - II</b>
	Mathematics	Chemistry
	Mathematics	Economics
	Mathematics	Geography
	Mathematics	Geology
	Mathematics	Statistics

<b>PHYSIOLOGY</b>		
	<b>Subsidiary-I</b>	<b>Subsidiary - II</b>
	Biochemistry	Zoology
	Biochemistry	Botany
	Biochemistry	Chemistry
	Biochemistry	Microbiology
	Zoology	Botany
	Zoology	Chemistry
	Zoology	Microbiology
	Botany	Chemistry
	Botany	Microbiology
	Chemistry	Microbiology
	Biostatistics	Biochemistry
	Biostatistics	Zoology
	Biostatistics	Botany
	Biostatistics	Microbiology
	Biostatistics	Chemistry

<b>PSYCHOLOGY</b>		
	<b>Subsidiary-I</b>	<b>Subsidiary - II</b>
	Mathematics	Statistics
	Biochemistry	Physiology
	Botany	Geography
	Physiology	Zoology
	Geography	Zoology
	Microbiology	Zoology

<b>STATISTICS</b>		
	<b>Subsidiary-I</b>	<b>Subsidiary - II</b>
	Mathematics	Physics
	Mathematics	Chemistry
	Mathematics	Geography
	Mathematics	Psychology
	Mathematics	Economics

<b>ZOOLOGY</b>		
	<b>Subsidiary-I</b>	<b>Subsidiary - II</b>
	Biostatistics	Botany
	Biostatistics	Biochemistry
	Biostatistics	Geography
	Biostatistics	Microbiology
	Biostatistics	Physiology
	Biochemistry	Botany
	Biochemistry	Microbiology
	Biochemistry	Physiology
	Biochemistry	Chemistry
	Botany	Geology
	Chemistry	Botany
	Chemistry	Microbiology
	Physiology	Botany
	Physiology	Microbiology
	Botany	Chemistry
	Botany	Geography

<b>INSTITUTE OF SPACE &amp; PLANETARY ASTROPHYSICS</b>		
	<b>Subsidiary - I</b>	<b>Subsidiary - II</b>
	Physics	Mathematics

### NOTE

Students who select Physics or Applied Chemistry as subsidiary should have passed the Intermediate or Higher Secondary Examination with Mathematics or Statistics.

Any student who has not passed Intermediate Science with Biology is not permitted to choose any subject from the Biology group.

Only those students can take Mathematics as a subsidiary subject who had Mathematics as an optional subject in the Intermediate, or who have passed certificate Course in Mathematics from Karachi University.

**All BS students are advised to select their subsidiary subjects in consultation with the Chairpersons of their major Department.**

# Appendix - D

## Major and Subsidiary subjects for BS & Honors in the Faculties of Arts & Social Sciences and Islamic Studies

Students of Honors In the Faculties of Arts & Social Sciences and Islamic Studies can select one major and two subsidiary subjects from the following subjects:

S. #	Subject	S. #	Subject
01.	Arabic	14.	Japanese*
02.	Bengali	15.	Mass Communication
03.	Criminology	16.	Mathematics
04.	Economics	17.	Persian
05.	Education	18.	Philosophy
06.	English	19.	Political Science
07.	French*	20.	Psychology
08.	General History	21.	Sindhi
09.	Geography	22.	Social Work
10.	Int. Relations	23.	Sociology
11.	Islamic History	24.	Special Education
12.	Islamic Studies	25.	Urdu
13.	Italian*	26.	Women Studies

\* for subsidiary only

In order to select Major and Subsidiary subjects the following points should be kept In mind:

1. Students who have Economics as their Major subject are not allowed to take Arabic, Persian, Urdu, Bengali or Sindhi as subsidiary subject.
2. Students who have Criminology as their Major subject are not allowed to take Arabic or Bengali as subsidiary subject.
3. French, Japanese or Italian can be taken as a subsidiary subject only.
4. Students who have one language as Major subject are allowed to take another language as subsidiary.
5. Students who have Philosophy, Statistics or Geography as Major cannot take Social Works as Subsidiary. However, students with Statistics as Major should opt for Mathematics as subsidiary.
6. Students can select either Psychology or Geography as subsidiary subject but not both.
7. Students can choose only one of the following subjects: General History, Islamic History, Islamic Studies and Mathematics. However, Islamic History can be taken with Islamic Studies. Students who have Islamic studies as major will follow rules governing BA(Hons.) in Islamic Learning.
7. International Relations cannot be taken together with Political Science.
8. Students who select Mass Communication as a Major must choose the subsidiary subjects from the following two groups (one from each group):

**Group A:** Sociology, Psychology and Economics.

**Group B:** Islamic History, General History, Political Science, International Relations or any one language.

Students can choose Mathematics as subsidiary only if they had Mathematics as optional subject in HSC examination or have passed Certificate Course in Mathematics from Karachi University.

Students who select Islamic Studies as Major can take only one of the following languages: Arabic, Persian, Urdu, Sindhi, English and Bengali.

The following subjects cannot be taken simultaneously as subsidiary; only one from each group can be selected:

**Group A:** Psychology or Geography.

**Group B:** Sociology or Social Works.

**Group C:** Political Science or International Relations.

**Group D:** Islamic History or General History.

Students taking Geography or Statistics as major subject will be governed by rules concerning Hons. of Science Faculty. Students may select the subject of Women Studies as a subsidiary in consultation with the Chairpersons of their major departments.

Students having Library and Information Science as major subject cannot select Arabic, Persian, Italian, French and German languages as subsidiary since these languages are offered as paper II in Bachelors second year. However, English and Urdu can be opted.

### NOTE

If a student selects a subsidiary subject which is not in accordance with the above directives, he/she will not be examined in that subject. Every student, therefore, is directed to consult Chairperson of the major department before selecting subsidiary subjects.

A candidate choosing a wrong combination is bound to get the wrong subject changed with the permission of Chairperson / Concerned Dean.

# Appendix - E

## Eligibility for admission to Masters/LLB/BLIS on open merit basis

### Faculty of Arts & Social Sciences:

S.#	Department	Class	No. of Seats	Required eligibility
01. ARABIC		M.A.	50	i) B.A. (with Arabic) ii) (B.A., B.Sc., B.Com. or equivalent) with Certificate in Arabic from some recognized institutions iii) *Al-Shahadat-ul-Aalia *These candidates are required to submit complete equivalence certificate issued by the University of Karachi.
02. BENGALI		M.A.	20	B.A., B.Sc., B.Com., B.Sc. (Home- Economics) with Bengali or Certificate Course in Bangali.
03. CRIMINOLOGY		M.A.	50	Graduation/LLB or equivalent degree
04. GENERAL HISTORY		M.A.	30 70	B.A. with General History Graduation in any discipline <b>Note:</b> In case of vacant seats, allocation can be interchanged.
05. INTERNATIONAL RELATIONS		M.A.	40 15 05	B.A. (with International Relations, Economics, Political Science, General History, Philosophy, Sociology, Mass Communication or Geography) B.Sc. with 1 <sup>st</sup> division B.Com. with 1 <sup>st</sup> division <b>Note:</b> In case of vacant seats, allocation can be interchanged.
06. ISLAMIC HISTORY		M.A.	100	i) B.A. with Islamic History ii) B.A. with Islamic Learning, Islamic Culture, General History or Arabic iii) B.A., B.Sc., B.Com. iv) Graduation
07. LIBRARY & INFORMATION SCIENCE		B.L.I.S.	50 08 02*	B.A., B.Sc., B.Com., B.Sc. (Home- Economics) B.A. with Library Science (Minimum 55% marks) Reserved for candidates who have worked/are working in professional capacity in a library of a recognized institution for at least 3 years, who fulfill the following conditions: i) At least Second class graduate.

Continued...



S.#	Department	Class	No. of Seats	Required eligibility
				ii) Certificate from the Head of the Institution giving justification and recommendation for the degree.
				*(The condition of having graduated within the last five years will not apply to the applicants for these reserved seats)
				<b>If these seats remain vacant, they can be filled with applicants who have done B.A.</b>
		<b>M.L.I.S.</b>	60	B.L.I.S. (Admissions to M.L.I.S. are granted at department's level. Details may be obtained from the Chairperson of the Department.)
08. PAKISTAN STUDIES	M.A.	50		Graduation or equivalent
09. PERSIAN	M.A.	30		i) Graduation (with Persian) ii) Graduation (with Diploma Khana-e-Farhang Iran, or Diploma in Persian Language from Karachi University) iii) Graduation with Advanced Urdu
10. PHILOSOPHY	M.A.	60		B.A., B. Com., B.Sc. or equivalent
11. POLITICAL SCIENCE	M.A.	100		B.A. (with Political Science)
12. PSYCHOLOGY	M.A./M.Sc.	30 23 02		B.A./B.Sc. (with Psychology) B.A./B.Sc./B.Com./B.Sc.(Home-Eco.) /BBA/ BPA/BS (Computer Science) with 1 <sup>st</sup> division MBBS/B.E. (with 1 <sup>st</sup> Division)
				<b>Note:</b> Incase of vacant seats, allocation can be interchanged.
13. SINDHI	M.A.	75		Graduation (with Sindhi Optional / Compulsory subject or studied Sindhi at Intermediate (HSC ) or Matric (SSC) Level
14. SOCIAL WORK	M.A.	35 10 5		B.A. (with Social Work) B.A. (with Sociology or Psychology) B.Sc. (with Biology group)

S.#	Department	Class	No. of Seats	Required eligibility
15.	<b>SOCIOLOGY</b>	M.A.	50	i) B.A. (1st division with Sociology) ii) B.A. (1st division with Economics, Political Science, Psychology, Education, Social Work, Statistics or General History) iii) B.A. (with 45% marks in Sociology) iv) B.A (with Economics, Political Sciences Psychology, Education, Social Work, Statistics or General History)
				<i>Note:</i> Admissions will be given according to above order of priority.
			5	B.Sc. with at least 50% marks
			10	B.Sc. (Home Economics) with at least 50% marks
			5	B.Com. with at least 50% marks
16.	<b>URDU</b>	M.A.	70	Graduation
	<b>IQBALIYAT (IQBAL STUDIES)</b>	M.A.	50	Graduation
		M. A.(Linguistics)	25	Candidate may apply for admission after completion of M.A.(Previous) Admissions are granted by the department.
17.	<b>WOMEN'S STUDIES</b>	M.A.	60	Graduation or equivalent
<b>Faculty of Science:</b>				
01.	<b>APPLIED CHEMISTRY &amp; CHEMICAL TECHNOLOGY</b>	M.Sc.	12	B.Sc. (Industrial Technology)
02.	<b>APPLIED PHYSICS</b>	M.Sc.	60	i) B.Sc. with Physics and Mathematics ii) B.E.(Electrical/Electronics/Telecommunication) iii) B.Tech.(Hons.) (Electrical/ Electronics / Telecommunication)
03.	<b>BIOCHEMISTRY</b>	M.Sc.	30	B.Sc. (with Biochemistry) or B.Sc. Medical Technology with Physiology and Biochemistry.
04.	<b>BIOTECHNOLOGY</b>	M.Sc.	50	B.Sc. / B.Sc. (Hons.) / B.Sc. (Medical Technology) with Microbiology or Biochemistry
05.	<b>BOTANY</b>	M.Sc.	50	B.Sc. (with Botany)

S.#	Department	Class	No. of Seats	Required eligibility
06.	<b>COMPUTER SCIENCE</b>	M.C.S.	70	i) BCS from Institutions affiliated with University of Karachi with minimum 2.5 CGPA ii) B.Sc. / B.A./B.E./ B.Tech.(Hons.) with Mathematics or Statistics or Physics as one of the subject. iii) B.A./B.Sc./ B.Com. and Post Graduate Diploma in Computer and Information System / Statistics / Mathematics from University of Karachi.
07.	<b>CHEMISTRY</b>	M.Sc.	30 70	B.Sc. with Chemistry(Pre-Engineering) B.Sc. with Chemistry (Pre-Medical / Geography / Geology)
08.	<b>GENETICS</b>	M.Sc.	72	i) B.Sc. with Biology subjects (Zoology, Botany, Microbiology, Biochemistry, Physiology or Chemistry) ii) B.Sc. with Psychology, Geography, Geology or Statistics with any two subjects mentioned in (i) iii) B.Sc. (Medical Technology) / Agriculture / B.Pharm. / Pharm-D. or equivalent. iv) B.Sc.(Honours Biology Group) 2 <sup>nd</sup> Year conversion through chairperson. These students will not have to wait for one year after completion of two years B.Sc.
09.	<b>GEOGRAPHY</b>	M.A./M.Sc.	25 20	B.Sc. (with Geography) B.A. (with Geography)
10.	<b>GEOLOGY</b>	M.Sc.	15	B.Sc. (with Geology)
11.	<b>HEALTH, PHYSICAL EDUCATION &amp; SPORTS SCIENCES</b>	M.Sc.	50	i) B.P.Ed.(Bachelor degree in Physical Education) ii) B.A./B.Sc.(with Physical Education as subject) iii) M.B.B.S./B.Sc. (Physiotherapy / Medical Technology/O.T./Nursing)/B.Pharm./Pharm-D) iv) B.A./B.Sc./B.Com. and participation in any game at College, City, Province or National level v) B.E., BBA, BPA, L.L.B. and participation in any game at College, City, Province or National level. vi) Graduation or equivalent

S.#	Department	Class	No. of Seats	Required eligibility
12.	<b>INSTITUTE OF SPACE AND PLANETARY ASTROPHYSICS</b>	M.Sc. (Space Science & Technology)	50	B.Sc.(with Physics and Mathematics) / B.E. or equivalent.
13.	<b>MATHEMATICS</b>	M.A./M.Sc.	200	i) B. A. / B. Sc. with Mathematics ii) B.E. / B.C.S. iii) Graduation with Diploma in Mathematics from University of Karachi
	<b>INDUSTRIAL &amp; BUSINESS MATHEMATICS</b>	M.I.B.M	50	i) B. A./B. Sc./B. Tech. (H) with Mathematics. ii) B.E. / B.C.S. iii) Graduation with Diploma in Mathematics from University of Karachi
14.	<b>MARINE SCIENCE</b>	M.Sc.	40	B. Sc. with (Biochemistry, Botany, Chemistry Geography, Geology, Genetics, Marine Science, Microbiology, Physics or Zoology)
15.	<b>PETROLEUM TECHNOLOGY</b>	M.Sc.	20	B.Sc. with Mathematics with at least 55% Marks.
			15	B.E. with at least 55% marks.
			05	B.Tech.(Hons.) in (Petroleum/Chemical/Mechanical) with at least 55% marks.
16.	<b>PHYSICS</b>	M.Sc.	50	B.Sc. (with Mathematics and Physics)
17.	<b>PHYSIOLOGY</b>	M.Sc.	35	i) Microbiology ii) Biochemistry iii) Zoology iv) Botany v) Chemistry M.B.B.S / D.V.M / B.Sc. Physiotherapy <div>             (B.Sc. Pass) Biology              Group with at least 60 %              marks           </div>
18.	<b>STATISTICS</b>	M.A./M.Sc.	50	B.A./B.Sc. (with Mathematics and Statistics)
			10	Graduation with PGD in Statistics.
19.	<b>ZOOLOGY</b>	M.Sc.	120	B.Sc. (with Zoology)

S.#	Department	Class	No. of Seats	Required eligibility
<b>Faculty of Pharmacy and Pharmaceutical Sciences:</b>				
01.	M.S PHARMACOLOGY	M.S	40	B. Pharm (4 Years) Pharm. D
<b>Faculty of Education:</b>				
01.	SPECIAL EDUCATION	M.A.	45	i) B.A. with Psychology, Education, Sociology or Social Work.
			20	ii) Graduation Special School nominations (Govt. and Non-Govt.)
<b>Faculty of Islamic Studies:</b>				
01.	ISLAMIC LEARNING	Master	50	B.A., B.Sc., B.Com. (Preference will be given to candidates with optional Islamic Studies in B.A.)
	ISLAMIC BANKING & FINANCE	Master	50	B.A., B.Sc., B.Com. or equivalent. B.A. (Hons.) in Islamic Learning, Qur'an and Sunnah or Usool-Ud-Din at least 2 <sup>nd</sup> Division.
02.	QUR'AN AND SUNNAH	M.A.	50	i) B.A./ B.Sc. / B.Com. or equivalent. ii) *Al-Shahadat-ul-Aalia (from HEC recognized Board)
*These candidates are required to submit complete equivalence certificate issued by the University of Karachi.				
03.	USOOL-UD-DIN	M.A.	50	i) B.A./ B.Sc. / B.Com. or equivalent ii)*Al-Shahadat-ul-Aalia (from HEC recognized Board)
* These candidates are required to submit complete equivalence certificate issued by the University of Karachi.				
<b>Faculty of Law:</b>				
01.	SCHOOL OF LAW	LLB (3 Years)	100	Graduation or equivalent

# Appendix – F

## Eligibility for admission to M.A./M.Sc./M.Com./MPA/MBA on Entry Test basis

Admissions to Masters Programs in the following departments will be granted on pre-requisite (Graduation or equivalent) examination after qualifying the Entry Test with minimum 50 % marks in the Entry Test. However for Faculty of Education the minimum passing marks are forty percent (40%) for the current year.

Admission forms are separately issued for open merit and Entry Test based departments. Candidates seeking admission to open merit departments should not mention departments of **Appendices A & E** in the form for admission on entry test basis.

### Faculty of Arts & Social Sciences:

S.#	Department	Class	No. of Seats	Required eligibility
01.	ENGLISH	M.A.	40	i) Graduation (with at least 45% marks in Elective English) ii) Graduation (with at least 55% marks in Compulsory English)
		<b>Note:</b>	i) Admissions will be given according to above order of priority. ii) Candidates with Functional English are not eligible for admission.	
02.	ECONOMICS	M.A./M.Sc.	100 75	B.A., B.Com., B.Sc. (with Economics) B.Sc.(with Mathematics, Physics or Statistics).
			<b>Note:</b> In case of vacant seats, allocation of seats can be interchanged.	
03.	MASS COMMUNICATION	M.A.	35	Graduation or equivalent
04.	PUBLIC POLICY (Department of Political Science)	M.A.	75	Graduation with at least 55% marks

### Faculty of Science:

01.	ENVIRONMENTAL STUDIES	M.Sc.	25	B.Sc./ B.Pharm./ Pharm-D /B.E./MBBS/ B.Sc. (Nursing) or any relevant degree
02.	MICROBIOLOGY	M.Sc.	45	B.Sc. (with Microbiology) with at least 50% marks.
			03	i) Bachelor of Veterinary Science with at least 50% marks. ii) Bachelor of Veterinary Medicine with at least 50% marks. iii) B.Sc. Medical Technology with Microbiology with at least 50% marks.

**Faculty of Education:**

S.#	Department	Class	No. of Seats	Required eligibility
01. EDUCATION		M.A.	35 15 04	B.A. with Education B.A., B.Sc., B. Com., B.Sc.(Home-Economics) (Preference to be given with Education) B.Ed.
02. TEACHER EDUCATION	B.Ed.(3 <sup>rd</sup> Year)		20	Graduates of ADE (2 years Associate Degree in Education)

**Faculty of Management & Administrative Sciences:**

01. KARACHI UNIVERSITY BUSINESS SCHOOL	MBA (3 ½ Years)	50	Graduation with at least 50% marks
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**Note:** i) The candidates who have already completed BBA 4-years are not eligible for the above 3 ½ years MBA  
 ii) 1 ½ years MBA for the candidates of BBA 4-years will be announced separately.

02 PUBLIC ADMINISTRATION	MPA	50	Graduation
03. COMMERCE	M.Com.	120	B.Com. with at least 50% marks

# Appendix – G

## Evening Program

Evening Program admissions for session 2018 will be announced separately in December 2017 for Bachelors (BS/B.A./B.Sc.(H)/Certificate programs and in May 2018 for Masters/Diploma programs. The brochure of the Evening Program contains details about the courses offered, fee structure, and the relevant rules and regulations. Following Certificate, Diploma and Degrees are offered in the evening program.

### CERTIFICATE PROGRAMS

1. Mass Communications
2. Persian
3. Mathematics
4. Petroleum Technology
5. Urdu

### DIPLOMA PROGRAMS

1. Audiology and Speech Pathology
2. Contemporary Arabic
3. Computer Science
4. Criminology
5. Economics and Finance
6. Environmental Sciences
7. Functional Arabic
8. International Relations
9. Local Government (DLG)
10. Mathematics
11. Petroleum Technology
12. Public Administration (PGDPA)
13. Public Admin. & Public Policy Analysis (PGDPA&PPA)
14. Supply Chain Management
15. Human Resource Management
16. Quranic Arabic
17. Speech & Language Pathology

### BACHELOR'S PROGRAMS

1. Agriculture & Agribusiness Management
2. Actuarial Science and Risk Management
3. Audiology and Speech Pathology
4. Applied Chemistry & Chemical Technology
5. Applied Physics
6. BS Commerce
7. B.B.A
8. Biotechnology
9. Biochemistry
10. Botany
11. Chemistry
12. Computer Science (BSCS/BSSE)
13. Economics
14. English
15. Education
16. Environmental Studies
17. Food Science & Technology
18. General History
19. International Relations
20. Mass Communication
21. Microbiology
22. Mathematical Sciences
23. Physics
24. Doctor of Pharmacy
25. Physiology
26. Psychology
27. Public Administration (BPA)
28. Sociology

29. Special Education
30. Space Science & Technology
31. Statistics
32. Urdu
33. Women's Studies
34. Zoology

### MASTER'S PROGRAMS

1. Agriculture and Agribusiness Management
2. Administrative Sciences (MAS)
3. Applied Physics (with specialization in Electronics)
4. Applied Mathematics
5. Applied Statistics
6. Audiology and Speech Pathology
7. B.Ed. in Special Education
8. Education
9. Biochemistry
10. Botany
11. Chemistry
12. Commerce M.Com. (General / Insurance)
13. Computer Science
14. Criminological Sciences
15. Criminology
16. Economics
17. Economics & Finance
18. English
19. English (Literature / Linguistic)
20. Environmental Sciences
21. Health, Physical Education & Sports Sciences
22. Industrial & Business Mathematics (M.I.B.M)
23. International Relations
24. Islamic Learning
25. Space Science
26. M. Pharm. (Pharmaceutics/Pharmacology/Pharmacognosy)
27. Mass Communications
28. Microbiology
29. MIBM
30. Petroleum Technology
31. Physics (with specialization in Electronics & Communications)
32. Physiology
33. Population Sciences
34. Public Administration-MPA
35. Public Policy
36. Quran-o-Sunnah
37. Sociology
38. Supply Chain Management
39. Transport Management
40. Zoology



# Appendix –H

Closing percentage by category and eligibility for BS, B.A. / B.Sc.(Hons.)  
Open Merit Admissions-2017

(These percentages are only for guidance and not applicable for admissions-2018)

S. No.	NAME OF THE DEPARTMENT	DEPTT. CODE	CATEGORY		
			"K"	"S"	"P"
1	ACTUARIAL SCIENCE & RISK MANAGEMENT	ASR	65.27	--	--
2	AGRICULTURE & AGRIBUSINESS MANAGEMENT	AGR	64.64	--	--
3	APPLIED CHEMISTRY & CHEMICAL TECHNOLOGY	ACH	69.55	--	--
4	APPLIED CHEMISTRY & CHEMICAL TECHNOLOGY (DAE)	ACH	62.53	73.94	83.76
5	ARABIC	ARB	45.64	64.45	46.64
6	BENGALI	BEN	45.73	--	--
7	BIOCHEMISTRY	BCH	76.82	--	--
8	BOTANY	BOT	67.45	--	--
9	CHEMISTRY	CHM	72.73	--	--
10	CHEMISTRY (DAE)	CHM	76.31	--	--
11	CRIMINOLOGY	CRI	63.09	--	--
12	GENERAL HISTORY (DAE)	GHS	46.21	--	--
13	GENERAL HISTORY (MERIT)	GHS	56.91	--	--
14	GENERAL HISTORY (with General History)	GHS	45.45	--	--
15	GEOGRAPHY (Pre-Medical Group)	GGR	65.64	--	--
16	GEOGRAPHY (Arts / Commerce)	GGR	61.55	--	--
17	GEOGRAPHY (Pre-Engineering Group)	GGR	61.55	--	--
18	GEOGRAPHY (General Science Group with Computer Science)	GGR	53.73	--	--
19	GEOLOGY	GEO	66.73	--	--
20	HEALTH, PHYSICAL EDUCATION & SPORTS SCIENCES (ARTS / COMMERCE)	HPE	64.09	--	--
21	HEALTH, PHYSICAL EDUCATION & SPORTS SCIENCES (Pre-Engineering Group)	HPE	61.55	--	--
22	HEALTH, PHYSICAL EDUCATION & SPORTS SCIENCES (Pre-Medical Group)	HPE	66.73	--	--
23	ISLAMIC HISTORY (MERIT)	IHS	50.82	--	--
24	ISLAMIC HISTORY (with IHS / ISL / ARB / GHS)	IHS	45.09	--	--
25	ISLAMIC HISTORY (DAE)	IHS	53.50	--	66.48
26	ISLAMIC LEARNING (MERIT)	ISL	57.09	--	--
27	ISLAMIC LEARNING (with ISL / ARB)	ISL	45.45	--	--
28	MARINE SCIENCE	MRS	71.00	--	--
29	PERSIAN	PER	45.00	59.27	45.00
30	PHILOSOPHY	PHI	56.45	--	--
31	PHYSICS	PHY	65.09	--	--
32	PHYSICS (DAE)	PHY	70.72	--	--

S. No.	NAME OF THE DEPARTMENT	DEPTT. CODE	CATEGORY		
			"K"	"S"	"P"
33	PHYSIOLOGY	PHZ	74.27	--	--
34	POLITICAL SCIENCE (Science / Commerce)	POL	70.18	--	--
35	POLITICAL SCIENCE (with Civic)	POL	45.27	62.09	63.18
36	PSYCHOLOGY (DAE)	PSY	74.61	--	--
37	PSYCHOLOGY (MERIT)	PSY	80.09	--	--
38	PSYCHOLOGY (with Psychology)	PSY	61.91	--	--
39	SCHOOL OF LAW ( 5 Years Program)	LLB	65.18	--	--
40	SINDHI	SND	45.55	50.45	--
41	SOCIAL WORK (Arts)	SWK	46.73	--	--
42	SOCIAL WORK (General Science Group with Computer Science)	SWK	52.73	--	--
43	SOCIAL WORK (Pre-Engineering Group)	SWK	62.36	--	--
44	SOCIAL WORK (Pre-Medical Group)	SWK	68.09	--	--
45	SOCIOLOGY (Arts Group with Sociology)	SCL	61.82	--	--
46	SOCIOLOGY (Arts Group with ECO, CIV, PSY, EDU, SWK, STA)	SCL	57.64	--	--
47	SOCIOLOGY (Commerce)	SCL	65.09	--	--
48	SOCIOLOGY (Arts Group with 45% marks in Sociology)	SCL	46.55	--	--
49	SOCIOLOGY (Science)	SCL	73.09	--	--
50	SPACE SCIENCE & TECHNOLOGY	ISP	64.82	--	--
51	SPACE SCIENCE & TECHNOLOGY (DAE)	ISP	70.62	--	--
52	STATISTICS (Science / Arts with Mathematics)	STA	63.73	--	--
53	STATISTICS (DAE with Mathematics)	STA	71.33	--	--
54	URDU	URD	48.82	--	--
55	USOOL-UD-DIN	USD	45.09	49.18	48.36
56	WOMEN'S STUDIES	WST	50.00	--	--
57	ZOOLOGY	ZOO	70.91	--	--

نوٹ: مندرجہ بالا جدول میں درج فیصد مارکس (closing percentages) پر داخلے گزشتہ سال دیے گئے تھے، یہ فیصد مارکس داخلے کے لئے صرف رہنمائی فراہم کرتے ہیں ضروری نہیں کہ اس سال بھی انہی فیصد مارکس پر داخلے ہو سکیں۔

# Appendix –I

Closing percentage by category and eligibility for Masters Open Merit Admissions-2017  
(These percentages are only for guidance and not applicable for admissions-2018)

S. No.	NAME OF THE DEPARTMENT	DEPTT. CODE	CATEGORY		
			"K"	"S"	"P"
1	APPLIED PHYSICS	APH	48.31	54.10	52.25
2	ARABIC	ARB	47.90	--	--
3	BIOCHEMISTRY	BCH	52.06	66.19	--
4	BIOTECHNOLOGY	BTH	52.13	--	60.79
5	BOTANY	BOT	50.75	58.53	45.09
6	CHEMISTRY (Pre-Engineering)	CHM	53.81	--	--
7	CHEMISTRY (Pre-Medical / GEO / GGR)	CHM	63.50	--	--
8	COMPUTER SCIENCE (MCS)	MCS	46.00	58.14	46.36
9	CRIMINOLOGY	CRI	45.09	55.00	--
10	GENERAL HISTORY	GHS	48.20	47.48	49.25
11	GENETICS	GEN	49.94	60.00	52.88
12	GEOGRAPHY (with Geography)	GGR	54.80	--	45.38
13	GEOLOGY	GEO	--	--	68.25
14	HEALTH , PHYSICAL EDUCATION & SPORTS SCIENCES	HPE	48.00	49.31	46.00
15	INTERNATIONAL RELATIONS (Commerce)	IRL	61.15	--	--
16	INTERNATIONAL RELATIONS (Science)	IRL	62.50	60.86	--
17	INTERNATIONAL RELATIONS (with IRL / POL / ECO / GHS / PHI / SCL / MCD or GGR)	IRL	60.10	61.36	61.88
18	ISLAMIC HISTORY	IHS	48.50	46.00	45.00
19	ISLAMIC LEARNING	ISL	46.00	--	--
20	LIBRARY & INFORMATION SCIENCES	LSC	46.55	50.55	49.08
21	LIBRARY & INFORMATION SCIENCES (with Library Science>=55% marks)	LSC	65.20	--	--
22	MARINE SCIENCE	MRS	52.44	52.56	50.25
23	MATHEMATICS	MAT	47.55	50.67	45.00
24	PAKISTAN STUDIES	PKS	45.36	56.25	--
25	PERSIAN	PER	--	--	49.25
26	PETROLEUM TECHNOLOGY (B.E.)	PET	--	59.00	--
27	PETROLEUM TECHNOLOGY (Pre-Engineering)	PET	55.56	58.63	56.00
28	PHILOSOPHY	PHI	47.91	53.16	50.60
29	PHYSICS	PHY	53.00	56.90	50.91
30	PHYSIOLOGY	PHZ	60.00	61.95	69.38
31	POLITICAL SCIENCE	POL	47.60	52.36	45.63
32	PSYCHOLOGY (Merit)	PSY	60.60	--	--
33	PSYCHOLOGY (with Psychology)	PSY	62.40	--	--
34	QUR'AN AND SUNNAH	QES	46.64	55.60	55.70
35	SINDHI	SND	--	52.82	--
36	SOCIAL WORK (with Biology Group)	SWK	--	--	51.45
37	SOCIAL WORK (with Social Work)	SWK	53.30	--	--
38	SOCIAL WORK (with Sociology or Psychology)	SWK	46.10	48.10	48.18
39	SOCIOLOGY (1- Division with Sociology)	SCL	60.20	--	--
40	SOCIOLOGY (with 45% marks in Sociology)	SCL	50.90	--	--
41	SOCIOLOGY (with Arts Group, ECO / POL / PSY / EDU / SWK / STA / GHS)	SCL	60.40	--	--
42	SOCIOLOGY (Commerce)	SCL	54.54	--	--
43	SOCIOLOGY (Science)	SCL	54.00	57.71	52.75
44	SPACE SCIENCE & TECHNOLOGY	ISP	52.63	84.00	--

S. No.	NAME OF THE DEPARTMENT	DEPTT. CODE	CATEGORY		
			"K"	"S"	"P"
45	SPECIAL EDUCATION	SPE	46.27	48.62	46.50
46	STATISTICS (B.A./B.Sc. with MAT and STA)	STA	52.14	--	55.13
47	STATISTICS (Graduation with PGD in Statistics)	STA	50.15	--	--
48	URDU	URD	46.90	51.79	45.00
49	USOOL-UD-DIN	USD	61.30	55.70	56.38
50	WOMEN'S STUDIES	WST	46.10	--	46.63
51	ZOOLOGY	ZOO	46.88	47.38	47.00
<b>( Conversion Cases 5 % Seats )</b>					
1	APPLIED PHYSICS	APH	58.40	--	--
2	BIOCHEMISTRY	BCH	69.39	--	--
3	BIOTECHNOLOGY	BTH	64.28	--	--
4	BOTANY	BOT	66.45	--	--
5	CHEMISTRY (Pre-Engineering)	CHM	73.40	--	--
6	CHEMISTRY (Pre-Medical / GEO / GGR)	CHM	70.67	--	--
7	COMPUTER SCIENCE (MCS)	MCS	77.61	--	--
8	CRIMINOLOGY	CRI	64.85	--	--
9	GENETICS	GEN	56.11	--	59.75
10	GEOGRAPHY (with Geography)	GGR	67.89	--	--
11	GEOLOGY	GEO	62.11	--	--
12	HEALTH, PHYSICAL EDUCATION & SPORTS SCIENCE	HPE	55.39	--	--
13	INTERNATIONAL RELATIONS (Science)	IRL	60.06	--	--
14	INTERNATIONAL RELATIONS (Commerce)	IRL	65.22	--	--
15	INTERNATIONAL RELATIONS (with IRL / POL / ECO / GHS / PHI / SCL / MCD / GGR)	IRL	68.90	--	--
16	ISLAMIC HISTORY	.IHS	64.25	--	--
17	ISLAMIC LEARNING	ISL	70.83	--	--
18	LIBRARY & INFORMATION SCIENCES	LSC	59.60	--	--
19	MARINE SCIENCE	MRS	61.20	--	--
20	MATHEMATICS	MAT	55.50	69.36	59.00
21	PAKISTAN STUDIES	PKS	63.89	--	--
22	PETROLEUM TECHNOLOGY (Pre-Engineering)	PET	56.05	--	64.00
23	PHILOSOPHY	PHI	57.70	--	--
24	PHYSICS	PHY	--	78.77	--
25	PHYSIOLOGY	PHZ	66.06	--	--
26	POLITICAL SCIENCE	POL	53.90	--	--
27	PSYCHOLOGY (Merit)	PSY	74.10	--	--
28	PSYCHOLOGY (with Psychology)	PSY	71.70	--	--
29	QUR'AN AND SUNNAH	QES	62.75	--	--
30	SOCIAL WORK (with Sociology or Psychology)	SWK	66.50	--	55.00
31	SOCIOLOGY (with Arts Group, ECO / POL / PSY / EDU / SWK / STA / GHS)	SCL	77.15	--	--
32	SOCIOLOGY (1 <sup>st</sup> Division with Sociology)	SCL	73.15	--	--
33	SPACE SCIENCE & TECHNOLOGY	ISP	61.78	--	--
34	SPECIAL EDUCATION	SPE	57.15	--	--
35	STATISTICS (B.A./B.Sc. with MAT and STA)	STA	57.44	74.53	--
36	URDU	URD	58.22	55.17	55.11
37	WOMEN'S STUDIES	WST	55.90	--	--
<b>( Honors Cases 5 % Seats )</b>					
1	BIOTECHNOLOGY	BTH	60.32	--	--
2	COMPUTER SCIENCE (MCS)	MCS	64.00	--	--
3	CRIMINOLOGY	CRI	62.46	--	--
4	GENERAL HISTORY	GHS	67.78	--	--

S. No.	NAME OF THE DEPARTMENT	DEPTT. CODE	CATEGORY		
			"K"	"S"	"P"
5	GENETICS	GEN	64.57	--	--
6	HEALTH, PHYSICAL EDUCATION & SPORTS SCIENCES	HPE	54.86	--	--
7	ISLAMIC HISTORY	IHS	57.32	--	--
8	ISLAMIC LEARNING	ISL	--	--	68.29
9	LIBRARY & INFORMATION SCIENCES	LSC	62.36	--	--
10	MATHEMATICS	MAT	67.00	--	--
11	PAKISTAN STUDIES	PKS	67.00	--	--
12	PHILOSOPHY	PHI	67.00	--	--
13	PSYCHOLOGY (Merit)	PSY	75.82	--	--
14	PSYCHOLOGY (with Psychology)	PSY	70.04	--	--
15	SOCIOLOGY (1 <sup>st</sup> Division with Sociology)	SCL	72.53	--	--
16	SOCIOLOGY (1 <sup>st</sup> Division Arts Group with ECO,POL,PSY, EDU, SWK,STA,GHS)	SCL	72.53	--	--
17	SPECIAL EDUCATION	SPE	69.09	--	--
<b>( Other University Cases 5 % Seats )</b>					
1	APPLIED PHYSICS	APH	68.53	67.00	80.00
2	BIOCHEMISTRY	BCH	65.32	--	--
3	BIOTECHNOLOGY	BTH	74.00	--	--
4	CHEMISTRY (Pre-Medical / GEO / GGR)	CHM	63.17	--	62.56
5	COMPUTER SCIENCE (MCS)	MCS	71.29	--	--
6	CRIMINOLOGY	CRI	63.33	--	--
7	GENERAL HISTORY	GHS	46.33	--	--
8	GENETICS	GEN	70.00	--	60.78
9	GEOGRAPHY (with Geography)	GGR	--	--	64.97
10	HEALTH , PHYSICAL EDUCATION & SPORTS SCIENCES	HPE	48.20	--	--
11	INTERNATIONAL RELATIONS (Commerce)	IRL	60.50	--	--
12	INTERNATIONAL RELATIONS (Science)	IRL	63.00	67.00	61.87
13	INTERNATIONAL RELATIONS (with IRL / POL / ECO / GHS / PHI / SCL / MCD / GGR)	IRL	66.48	--	--
14	ISLAMIC LEARNING	ISL	47.67	--	--
15	LIBRARY & INFORMATION SCIENCES	LSC	53.30	--	--
16	MARINE SCIENCE	MRS	79.87	--	--
17	MATHEMATICS	MAT	58.17	--	62.32
18	PAKISTAN STUDIES	PKS	51.30	--	--
19	PETROLEUM TECHNOLOGY (B.E.)	PET	--	67.00	74.37
20	PETROLEUM TECHNOLOGY (Pre-Engineering)	PET	74.00	--	65.77
21	PHILOSOPHY	PHI	52.33	--	78.25
22	POLITICAL SCIENCE	POL	53.70	--	48.10
23	PSYCHOLOGY (Merit)	PSY	81.29	--	--
24	PSYCHOLOGY (with Psychology)	PSY	77.37	--	--
25	QUR'AN AND SUNNAH	QES	58.40	--	--
26	SINDHI	SND	45.60	47.08	--
27	SOCIOLOGY (Commerce)	SCL	59.92	--	--
28	SOCIOLOGY (with Arts Group, ECO / POL / PSY / EDU / SWK / STA / GHS)	SCL	51.60	--	--
29	SPACE SCIENCE & TECHNOLOGY	ISP	60.79	--	--
30	SPECIAL EDUCATION	SPE	70.68	--	61.48
31	URDU	URD	64.05	54.17	57.43
32	USOOL UD DIN	USD	--	--	71.94
33	WOMEN'S STUDIES	WST	74.00	57.00	59.46
34	ZOOLOGY	ZOO	52.13	--	67.42

S. No.	NAME OF THE DEPARTMENT	DEPTT. CODE	CATEGORY		
			"K"	"S"	"P"
( Old Cases 3 % Seats) Year of Passing more than 5 years ago					
1	APPLIED PHYSICS	APH	--	54.06	--
2	BIOCHEMISTRY	BCH	57.56	--	--
3	BOTANY	BOT	--	45.70	--
4	CHEMISTRY (Pre-Engineering)	CHM	57.88	--	--
5	CHEMISTRY (Pre-Medical / GEO / GGR)	CHM	59.88	--	--
6	COMPUTER SCIENCE (MCS)	MCS	57.73	--	--
7	CRIMINOLOGY	CRI	59.13	--	--
8	GENERAL HISTORY (Merit)	GHS	50.00	--	--
9	GENETICS	GEN	--	52.50	--
10	HEALTH , PHYSICAL EDUCATION & SPORTS SCIENCES	HPE	48.90	57.00	73.56
11	INTERNATIONAL RELATIONS (COMMERCE)	IRL	60.09	--	--
12	INTERNATIONAL RELATIONS (with IRL / POL / ECO / GHS / PHI / SCL / MCD / GGR)	IRL	66.90	--	--
13	ISLAMIC HISTORY	IHS	48.50	58.00	50.88
14	ISLAMIC LEARNING	ISL	54.60	--	--
15	LIBRARY & INFORMATION SCIENCES	LSC	57.20	--	--
16	LIBRARY & INFORMATION SCIENCES (with Lib.Sci. 55% marks)	LSC	55.40	--	--
17	MATHEMATICS	MAT	46.92	--	52.33
18	PAKISTAN STUDIES	PKS	61.46	--	--
19	PHILOSOPHY	PHI	56.75	--	54.92
20	PHYSICS	PHY	--	61.49	--
21	PHYSIOLOGY	PHZ	63.69	61.54	--
22	PHYSIOLOGY (with M.B.B.S./D.V.M./B.Sc. Physiotherapy)	PHZ	--	--	52.64
23	POLITICAL SCIENCE	POL	50.00	--	52.38
24	PSYCHOLOGY (Merit)	PSY	--	--	60.88
25	PSYCHOLOGY (with Psychology)	PSY	61.80	--	--
26	QUR'AN AND SUNNAH	QES	51.00	57.50	--
27	SINDHI	SND	--	53.00	--
28	SOCIAL WORK (WITH BIOLOGY)	SWK	50.44	--	--
29	SOCIAL WORK (WITH SOCIAL WORK)	SWK	45.20	--	--
30	SOCIAL WORK (WITH SOCIOLOGY OR PSYCHOLOGY)	SWK	46.80	--	48.50
31	SOCIOLOGY (COMMERCE)	SCL	56.55	--	--
32	SOCIOLOGY (WITH 45 % marks in Sociology)	SCL	55.80	--	--
33	SPECIAL EDUCATION	SPE	52.60	46.73	53.50
34	URDU	URD	51.10	50.60	47.00
35	USOOL UD DIN	USD	49.40	--	--
36	WOMEN'S STUDIES	WST	45.40	--	--
37	ZOOLOGY	ZOO	48.00	48.28	47.45

نوٹ: مندرجہ بالا جدول میں درج فیصد مارکس (closing percentages) پر داخلے گزشتہ سال دیے گئے تھے، یہ فیصد مارکس داخلے کے لئے صرف رہنمائی فراہم کرتے ہیں ضروری نہیں کہ اس سال بھی انہی فیصد مارکس پر داخلے ہو سکیں۔

# Appendix –J

## Closing percentage for Test Based Admissions-2017

(These percentages are only for guidance and not applicable for admissions-2018)

### Bachelors Programs (Test Based):

S. No.	NAME OF THE DEPARTMENT	DEPTT. CODE	ACADEMIC CLOSING%
1	APPLIED PHYSICS	APH	51.18
2	APPLIED PHYSICS (DAE)	APH	68.71
3	BIOTECHNOLOGY	BTH	78.18
4	CHEMICAL ENGINEERING (B.E)	CHE	73.64
5	CHEMICAL ENGINEERING (B.E) (DAE)	CHE	77.75
6	COMMERCE (BS) (ARTS / SCIENCE)	COM	55.91
7	COMMERCE (BS) (with COMMERCE)	COM	72.82
8	COMPUTER SCIENCE (BSCS)	BCS	68.27
9	COMPUTER SCIENCE (BSSE)	BSE	71.36
10	ECONOMICS (ARTS / COMMERCE)	ECO	52.09
11	ECONOMICS (SCIENCE)	ECO	54.64
12	EDUCATION (MERIT)	EDU	48.91
13	EDUCATION (with EDUCATION)	EDU	50.36
14	ENGLISH ('A' Level with A,B,C Grade / 'A' level with Literature)	ENG	53.18
	ENGLISH (Elective / Advance English with >= 50% marks)		
15	ENGLISH (Compulsory English with >= 60% marks)	ENG	72.00
16	ENVIRONMENTAL STUDIES	ENV	72.73
17	FOOD SCIENCE & TECHNOLOGY (BS) (PRE-ENGINEERING)	FST	52.91
18	FOOD SCIENCE & TECHNOLOGY (BS) (PRE-MEDICAL)	FST	83.09
19	INTERNATIONAL RELATIONS(ARTS with CIV/GHS/ECO/SCL/LOG/GGR)	IRL	48.82
20	INTERNATIONAL RELATIONS (COMMERCE)	IRL	70.18
21	INTERNATIONAL RELATIONS (SCIENCE)	IRL	72.18
22	KARACHI UNIVERSITY BUSINESS SCHOOL (BBA)	BBA	79.36
23	MASS COMMUNICATION	MCD	73.64
24	MASS COMMUNICATION (DAE)	MCD	63.75
25	MATHEMATICS	MAT	56.45
26	MICROBIOLOGY	MBI	76.45
27	PETROLEUM TECHNOLOGY	PET	57.27
28	PUBLIC ADMINISTRATION (BPA)	BPA	74.64
29	PUBLIC ADMINISTRATION (BPA) (DBA / BAE)	BPA	58.16
30	SPECIAL EDUCATION	SPE	46.27
31	TEACHER EDUCATION (B.ED.)	BED	51.00
Note: Doctor of Pharmacy admissions are announced separately for both sessions (Morning & Evening)			
1	Doctor of Pharmacy (MORNING PROGRAM)	PHM	81.45
2	Doctor of Pharmacy (EVENING PROGRAM)	PHE	79.00

نوٹ: مندرجہ بالا جدول میں درج فیصد مارکس (closing percentages) پر داخلے گزشتہ سال دیے گئے تھے، یہ فیصد مارکس داخلے کے لئے صرف رہنمائی فراہم کرتے ہیں ضروری نہیں کہ اس سال بھی انہی فیصد مارکس پر داخلے ہو سکیں۔

## Masters Programs (Test Based):

<b>M.A. / M.Sc. / M.COM / MBA / MPA</b>			
<b>S. No.</b>	<b>NAME OF THE DEPARTMENT</b>	<b>DEPTT. CODE</b>	<b>ACADEMIC CLOSING%</b>
1	KARACHI UNIVERSITY BUSINESS SCHOOL (MBA)	MBA	59.46
2	COMMERCE (M.Com)	COM	50.55
3	ECONOMICS (with ARTS / COMMERCE)	ECO	48.82
4	ECONOMICS (with SCIENCE)	ECO	48.38
5	EDUCATION (B.Ed.)	EDU	65.60
6	EDUCATION (MERIT)	EDU	50.50
7	EDUCATION (with Education)	EDU	48.60
8	ENGLISH (Compulsory English with $\geq 55\%$ marks)	ENG	49.30
9	ENGLISH (Elective English with $\geq 45\%$ marks)	ENG	62.10
10	ENVIRONMENTAL STUDIES	ENV	47.38
11	MASS COMMUNICATION	MCD	46.73
12	MICROBIOLOGY	MBI	52.00
13	PUBLIC ADMINISTRATION (MPA)	MPA	45.36
14	PUBLIC POLICY	PPL	57.00
15	TEACHER EDUCATION	BED	45.38
<b>( Conversion Cases 5 % Seats )</b>			
1	ENGLISH (Elective English with $\geq 45\%$ marks)	ENG	68.06
2	ENVIRONMENTAL STUDIES	ENV	60.00
3	KARACHI UNIVERSITY BUSINESS SCHOOL (MBA)	MBA	68.60
4	MASS COMMUNICATION	MCD	78.56
5	MICROBIOLOGY	MBI	72.06
6	PUBLIC ADMINISTRATION (MPA)	MPA	74.40
<b>( Honors Cases 5 % Seats )</b>			
1	KARACHI UNIVERSITY BUSINESS SCHOOL (MBA)	MBA	74.00
2	ECONOMICS ( with Arts / Commerce )	ECO	74.00
3	EDUCATION (MERIT)	EDU	67.63
4	ENGLISH (Compulsory English with $\geq 55\%$ marks)	ENG	7500
5	MASS COMMUNICATION	MCD	61.86
6	PUBLIC ADMINISTRATION (MPA)	MPA	70.00
<b>( Other University Cases 5 % Seats )</b>			
1	KARACHI UNIVERSITY BUSINESS SCHOOL (MBA)	MBA	68.55
2	COMMERCE (M.Com)	COM	51.08
3	EDUCATION (MERIT)	EDU	48.10
4	ENGLISH (Elective English with $\geq 45\%$ marks)	ENG	60.50
5	ENVIRONMENTAL STUDIES	ENV	60.10
6	MASS COMMUNICATION	MCD	71.86
7	MICROBIOLOGY	MBI	59.20
8	PUBLIC ADMINISTRATION (MPA)	MPA	58.10
9	PUBLIC POLICY	PPL	59.13



S. No.	NAME OF THE DEPARTMENT	DEPTT. CODE	ACADEMIC CLOSING%
<b>( Old Cases 3 % Seats) Year of Passing more than 5 years ago</b>			
1	KARACHI UNIVERSITY BUSINESS SCHOOL (MBA)	MBA	68.55
2	COMMERCE (M.Com)	COM	59.36
3	ENGLISH (Elective English with $\geq 45\%$ marks)	ENG	60.50
4	ENVIRONMENTAL STUDIES	ENV	60.10
5	MASS COMMUNICATION	MCD	71.46
6	MICROBIOLOGY	MBI	59.20
7	PUBLIC ADMINISTRATION (MPA)	MPA	58.10
8	PUBLIC POLICY	PPL	64.40

نوٹ: مندرجہ بالا جدول میں درج فیصد مارکس (closing percentages) پر داخلے گزشتہ سال دیے گئے تھے، یہ فیصد مارکس داخلے کے لئے صرف رہنمائی فراہم کرتے ہیں ضروری نہیں کہ اس سال بھی انہی فیصد مارکس پر داخلے ہو سکیں۔

# Appendix-K

## Admission and Tuition Fee for Session 2018

DEPARTMENT		BS / HONS. MASTERS	
FACULTY OF ARTS & SOCIAL SCIENCES		Rs.	
Arabic / Bengali / Economics / English / General History / International Relations / Islamic History / Library & Information Science / Mass Communication / Pakistan Studies / Persian / Philosophy / Political Science / Public Policy / Psychology / Sindhi / Social Work / Sociology / Urdu / Women's Studies	10200	10200	
Criminology	22800	22800	
Visual Studies	38400	xxxx	
FACULTY OF EDUCATION			
Education / Special Education / Teacher Education	10200	10200	
FACULTY OF ENGINEERING			
Chemical Engineering	30600	xxx	
FACULTY OF ISLAMIC STUDIES			
Islamic Learning / Islamic Banking & Finance / Usool-ud-Din / Quraa'n and Sunnah	10200	10200	
FACULTY OF LAW			
School of Law	36600	42600	
FACULTY OF PHARMACY AND PHARMACEUTICAL SCIENCES			
Doctor of Pharmacy (Morning Program)	27000	xxxx	
Doctor of Pharmacy (Evening Program)	54000	xxxx	
Doctor of Physical Therapy	90000	xxxx	
FACULTY OF MANAGEMENT & ADMINISTRATIVE SCIENCES			
Karachi University Business School	43800	43800	
Commerce	18600	18600	
Public Administration	24000	24000	
FACULTY OF SCIENCE			
Applied Chemistry & Chemical Technology / Applied Physics / Biochemistry / Biotechnology / Botany / Chemistry / Food Science & Technology / Genetics / Geography / Geology / Health, Physical Education & Sports Sciences / Institute of Space & Planetary Astrophysics(ISPA) / Mathematics / Marine Science / Microbiology / Physics / Physiology / Statistics / Zoology	13800	13800	
Agriculture and Agribusiness Management	30600	xxxx	
Actuarial Science and Risk Management	27000	xxxx	
Computer Science	33000	30600	
Environmental Studies	27000	27000	
Petroleum Technology	xxxx	30600	

# Appendix -L

Reserved Seats for Province of Sindh (Other than Karachi), Balochistan, FATA, Northern Areas, AJK, Armed Forces.

S.#	Department	Sindh		Balochistan		Children of Armed Forces	FATA/ Northern Area / AJK	
		BS (Hons)	Masters	BS (Hons)	Masters	BS (Hons)/ Masters	BS (Hons)	Masters
1	Actuarial Science & Risk Mang.	2	--	1	--	--	--	--
2	Agriculture & Agribusiness Management	2	--	1	--	--	--	--
3	Applied Chemistry & Ch. Tech.	2	--	1	--	1	--	--
4	Applied Physics	--	1	--	1	1	--	--
5	Arabic	2	1	--	1	1	--	--
6	Biochemistry	2	1	1	1	1	--	--
7	Biotechnology	--	1	--	1	--	--	--
8	Botany	2	2	1	1	--	2	4
9	Business Administration	--	--	--	--	2 (MBA)	--	--
10	Chemical Engineering	--	--	--	--	--	--	--
11	Chemistry	1	1	1	1	1	--	--
12	Criminology	2	2	2	2	--	--	--
13	Economics	--	--	--	--	2	--	4
14	English	--	--	--	--	1	--	--
15	Food Science & Technology	--	--	--	--	--	--	--
16	General History	3	2	2	1	1	--	--
17	Genetics	--	2	--	1	1	--	--
18	Geography	1	2	1	1	--	--	4
19	Geology	1	2	1	1	3	--	--
20	International Relations	--	2	--	1	2	--	--
21	Islamic History	2	2	1	1	1	--	--
22	Islamic Learning	2	2	1	1	1	--	--
23	Library & Information Science	--	2	--	1	1	--	--
24	Commerce	--	--	--	--	1 (M.Com)	--	--
25	Mass Communication	--	--	--	--	--	--	--
26	Mathematics	2	2	1	1	1	--	4
27	Microbiology	--	--	--	--	1	--	--
28	Persian	2	2	1	1	1	--	--
29	Petroleum Technology	--	2	--	1	--	--	--
30	Pharmacy (Pharm-D)	--	--	--	--	2	4 (AJK)	--
31	Philosophy	3	1	1	1	1	--	--
32	Physics	2	1	1	1	1	--	4
33	Physiology	3	2	2	1	1	--	--
34	Political Science	1	1	1	1	1	--	4
35	Psychology	1	1	1	1	1	--	4
36	Social Work	1	1	1	1	1	--	--
37	Sociology	1	1	1	1	1	--	--
38	Special Education	--	3	--	1	--	--	--
39	Statistics	1	1	2	1	--	--	--
40	Urdu	2	1	2	1	1	--	--
41	Zoology	2	1	2	1	1	--	--

**Note:** Admissions on reserved seats for FATA, Northern Areas, AJK and Armed Forces are granted as per nominations from the relevant ministries / GHQ.

# Appendix –M

## Number of Self Finance Seats in Different Departments/Programs

S#	Department / Program	Bachelors	Masters
1	Agriculture & Agribusiness Management	1	1
2	Applied Chemistry& Ch. Tech.	5	--
3	Applied Physics	1	1
4	Arabic	1	1
5	Bengali	1	1
6	Biochemistry	1	1
7	Biotechnology	12	1
8	Botany	1	1
9	Chemistry	10	10
10	Chemical Engineering	10	10
11	Commerce	10	10
12	Computer Science(BSCS)	25	--
13	Computer Science(BSSE)	15	--
14	Computer Science(MCS)	--	15
15	Criminology	2	1
16	Doctor of Pharmacy (D-Pharm) Morning Program	30	--
17	Doctor of Pharmacy (D-Pharm) Evening Program	30	--
18	Doctor of Physical Therapy (DPT)	10	--
19	Economics	5	5
20	English	5	5
21	Environmental Studies	1	1
22	Food Science & Technology	5	--
23	General History	1	1
24	Genetics	1	1
25	Geography	1	1
26	Geology	1	1
27	Health, Physical Education & Sports Science	1	1
28	Institute Of Space & Planetary Astrophysics	1	1
29	International Relations	5	5
30	Islamic History	1	1
31	Islamic Learning	1	1
32	Karachi University Business School	25	25
33	Karachi University Business School (BBA Specialized Program)	2	--
34	Library & Information Science	--	1
35	Marine Science	1	1
36	Mass Communication	5	5
37	Mathematics	1	1
38	Microbiology	5	1
39	Pakistan Studies	1	1
40	Persian	1	1
41	Petroleum Technology	2	1

S #	Department / Program	Bachelors	Masters
42	Philosophy	1	1
43	Physics	1	1
44	Physiology	1	1
45	Political Science	1	1
46	Psychology	5	5
47	Public Administration	10	10
48	Public Policy	--	1
49	Quran & Sunnah	1	1
50	Sindhi	1	1
51	Social Work	1	1
52	Sociology	1	1
53	Statistics	1	1
54	Urdu	1	1
55	Usooluddin	1	1
56	Visual Studies	6	--
57	Women's Studies	1	1
58	Zoology	1	1

University of Karachi offers admissions on Self-financed Seats as well. Faculty-wise amount (per seat) for Self-financed is as.

follows:

S.#	Faculty	Bachelors	Masters
1	Faculty of Management and Administrative Sciences	Rs. 5,00,000/-	Rs. 3,00,000/-
2	Department of Chemical Engineering	Rs. 5,00,000/-	---
3	Faculty of Arts & Social Sciences, Science and Islamic Studies	Rs. 4,00,000/-	Rs. 3,00,000/-
4	Faculty of Pharmacy and Pharmaceutical Sciences	Rs. 6,00,000/-	---
5	Doctor of Physical Therapy	Rs. 4,00,000/-	---
6	Department of Computer Science	Rs. 5,00,000/-	Rs. 3,00,000/-

### **Self Finance:**

**The admissions on self finance Seats are as follows:**

- Candidates seeking admission on self finance seats are required to pass KU Entry Test of their respective Department / Faculty.
- The amount of fee will be taken in a lum sum, at the time of admission. However, candidates who have got admission on self finance seats must complete their degree / Program at the stipulated time (semesters / years) to avoid extra fees. A penalty of Rs. 200,000/- will be charged for each additional year.

## UNDERTAKING

I, son / daughter of \_\_\_\_\_ resident of \_\_\_\_\_

\_\_\_\_\_ C.N.I.C. No. \_\_\_\_\_

do hereby solemnly undertake and declare that if admitted I will faithfully abide by all the rules/regulations (as amended to date) of the University of Karachi and in case at any stage if I am found indulging in any kind of subversive activity and/or having indulged in any activity which is against the national interest or which is against the provisions of the University of Karachi Code, including forged documents submitted by me, having been found forged and/or manipulated at any stage after my admission, the authorities of the University may take legal action against me and shall be entitled even to cancel my admission in accordance with the provisions. I also undertake not to indulge in political activities and in case if I do so and/or violate this undertaking, I may be expelled from the University without any further notice.

Place:

Signature of the Applicant  
in the presence of:

Witness No. 1

Witness No. 2

Signature with official Seal,

Signature with official Seal,

Name & address \_\_\_\_\_

Name & address \_\_\_\_\_

(THE WITNESS MUST BE A GOVERNMENT OFFICER OF GRADE 17 OR ABOVE)

.....  
DECLARATION BY PARENT/GUARDIAN:

I, \_\_\_\_\_  
(Name of parent(s)/guardian)

Son/daughter of \_\_\_\_\_  
(Name of parent(s)/guardian)

Adult, resident of \_\_\_\_\_  
(Address of parent(s)/guardian)

Signature of Parent(s)/Guardian

# Academic Calendar 2018

## FIRST SEMESTER 2018

<i>Orientation Day</i>	<i>January 12, 2018</i>
<i>Teaching</i>	<i>January 15, 2018 to May 4, 2018</i>
<i>Semester Examinations</i>	<i>May 7, 2018 to May 25, 2018</i>
<i>Semester Break</i>	<i>May 28, 2018 to July 15, 2018</i>

## SECOND SEMESTER 2018

<i>Teaching</i>	<i>July 16, 2018 to November 9, 2018</i>
<i>Semester Examinations</i>	<i>November 12, 2018 to November 30, 2018</i>
<i>Semester Break</i>	<i>December 3, 2018 to December 31, 2018</i>

**Note:**

- a) The date for extra-curricular activities shall be announced later.
- b) The University of Karachi shall observe Federal and Provincial gazetted holidays but examinations will be held as per schedule.
- c) Eid holidays are subject to sighting of moon.

# ADMISSIONS COMMITTEE 2018

1.	<b>Prof. Dr. M. Ahmed Qadri</b> Director Admissions	18.	<b>Dr. Mansoor Ahmed</b> Department of Pharmaceutical Chemistry
2.	<b>Prof. Dr. Iqbal Azhar</b> Dean Faculty of Pharmacy & Pharmaceutical Sciences	19.	<b>Dr. Intikhab Ulfat</b> Department of Physics
3.	<b>Dr. Justice ( R) Ghous Muhammad</b> Dean Faculty of Law	20.	<b>Dr. Sadiq Ali Khan</b> Department of Computer Science
4.	<b>Prof. Dr. Nasir Suleman</b> Dean Faculty of Education	21.	<b>Dr. Muhammad Ali</b> Department of Political Science
5.	<b>Prof. Dr. Tahir Ali</b> Dean Faculty of Management & Administrative Sciences	22.	<b>Dr. Muhammad Zaheer Ahmed</b> Institute of Sustainable Halophytes Utilization
6.	<b>Prof. Dr. Tasneem Adam Ali</b> Dean Faculty of Science	23.	<b>Dr. Abdul Hameed</b> Institute of Sustainable Halophytes Utilization
7.	<b>Prof. Dr. Abid Hasnain</b> Director Evening Program	24.	<b>Dr. Tanveer Abbas</b> Department of Microbiology
8.	<b>Dr. Munawwer Rasheed</b> Registrar	25.	<b>Mr. Mohsin Ali</b> Department of Chemistry
9.	<b>Mr. Nadeem Ahmed</b> Incharge Semester Cell	26.	<b>Dr. Atif Aslam</b> Department of Islamic Learning
10.	<b>Dr. Muhammad Zubair</b> Campus Security Advisor	27.	<b>Dr. Muhammad Noman Syed</b> Department of Biochemistry
11.	<b>Mr. Asim Ali</b> Student Advisor	28.	<b>Dr. Syed Ghazanfar Ahmed</b> Department of Quran -O- Sunah
12.	<b>Prof. Dr. Majid Mumtaz</b> Department of Chemistry	29.	<b>Dr. Irfan Aziz</b> Controller of Examinations
13.	<b>Prof. Dr. Ehtisham –ul- Haq</b> Department of Botany	30.	<b>Prof. Dr. Shagufta Shehzadi</b> Department of Teacher Education
14.	<b>Prof. Dr. Nasreen Aslam Shah</b> Director, Centre of Excellence for Women Studies	31.	<b>Prof. Dr. Roohi Ijaz</b> Department of Economic
15.	<b>Prof. Dr. Summer Sultana</b> Department of Political Science	32.	<b>Ms. Maria Baig</b> Assistant Registrar (BASR)
16.	<b>Prof. Dr. Jawaid Ansari</b> Department of Mathematics	33.	<b>Muhammad Nadeem ul Haq</b> Stenographer (BASR)
17.	<b>Prof. Dr. Nasir Uddin</b> Department of Chemistry	34.	<b>Mr. Fawwad Ubaid</b> Computer Operator (DRE Office)



## فہرست

- تعارف
- داخلے
- داخلہ پالیسی
- اہلیت (میرٹ) کی بنیاد پر داخلے
- زمرے (کیٹگری) میں تبدیلی
- زمرے (کیٹگری) میں تبدیلی کی درخواست
- سیلف فائنالس کی نشستوں پر داخلہ
- مخصوص نشستوں پر داخلہ
- اہلیت کی شرائط
- داخلے کا طریقہ کار
- داخلے کی فہرست میں شامل امیدواروں کے لیے ہدایات
- انرولمنٹ
- جامعہ کے ڈگری پروگرام اور کورسز
- ڈگری پروگراموں کا دورانیہ
- تدریس کا جدول
- حاضری کے قانونی تقاضے
- اگلے درجوں میں ترقی داخلے کی مطلوبہ اہلیت
- تعلیمی سہولیات
- دفتر مشیر امور طلبہ
- دفتر امور بین الاقوامی طلبہ
- دفتر رہنمائی و مشاورت و تقرری طلبہ
- انضباطی کمیٹی
- دفتر برائے مالی معاونت طلبہ
- کتب خانہ
- ایل ای جے ڈیجٹل لائبریری
- بک بینک
- یونیورسٹی بک شاپ
- مرکزی سائنسی تجربہ گاہ
- طعام گاہیں
- رہائش
- ٹرانسپورٹ
- کھیل
- صحت کی سہولیات

جامعہ کراچی ۱۹۵۱ء میں قائم ہوئی۔ اس کا قیام پارلیمنٹ کے یونیورسٹی آف کراچی ایکٹ ۱۹۵۰ء کے تحت ایک وفاقی جامعہ کے طور پر عمل میں آیا تھا جس میں ۱۹۶۲ء میں ترمیم کر کے اسے صوبہ سندھ کی یونیورسٹی قرار دیا گیا۔ وقت گزرنے کے ساتھ جامعہ کراچی ایک ایسے موقر قومی تعلیمی ادارے کے طور پر ابھری جو اعلیٰ مدارج کی معیاری تعلیم کا مرکز ہے۔

ابتدائی طور پر جامعہ کراچی شہر کے ایک پرانے علاقے میں سول اسپتال کے قریب پرنسز اسٹریٹ (موجودہ نام چاند بی بی روڈ) پر پرانی اور گنجان عمارات میں واقع تھی جہاں کا ماحول اعلیٰ تعلیم اور معیاری تحقیق کے لیے ناموزوں تھا۔ چنانچہ حکام نے جدید دور کی تعلیمی ضروریات کو مد نظر رکھتے ہوئے کنٹری کلب روڈ (موجودہ نام یونیورسٹی روڈ) پر واقع ایک وسیع قطعہ اراضی، جو ۱۲۷۹ ایکڑ پر محیط تھا، جامعہ کی نئی عمارات کے لیے مختص کیا جس پر آج کل یونیورسٹی قائم ہے۔

جامعہ کراچی آج نہ صرف اعلیٰ تعلیم کا معیاری مرکز سمجھی جاتی ہے اور علمی حلقوں میں اس کی مساعی بنظر استحسان دیکھی جاتی ہیں بلکہ اعلیٰ ترین تعلیم اور تحقیق کے میدانوں میں بھی اسے امتیاز و فضیلت حاصل ہے۔ یہ اہم تعلیمی ادارہ اب ایک ایسے علمی مرکز کے طور پر پہچانا جاتا ہے جو نئے دور کے تعلیمی تقاضوں سے خود کو ہم آہنگ کرتے ہوئے جدید دنیا کا اہم قدم ہے۔ کئی نامور سائنس دان اور اہل علم ماضی میں بھی جامعہ کراچی سے وابستہ رہے اور آج بھی ہیں، ان کے علمی اور تحقیقی مرتبے کا اعتراف نہ صرف پاکستان میں بلکہ بیرون ملک بھی کیا جاتا ہے۔ ان اہل علم اور سائنس دانوں کی حیثیت معاشرے کے ایسے مخلص افراد کی ہے جو اپنے علم اور تحقیق کے ذریعے پاکستان میں ترقی اور مثبت ذہنی تبدیلی لانے کے لیے مصروف عمل ہیں۔

جامعہ کراچی میں داخلے کے خواہش مند طلبہ و طالبات کی ہر سال بڑھتی تعداد کے پیش نظر چند برس قبل شام کی کلاسوں کا اجرا کیا گیا جس میں بیچلر ز اور ماسٹرز پروگراموں میں داخلے دیے گئے اور شام کی کلاسوں میں داخلوں، تدریس اور انتظامی امور کے لیے ایک علیحدہ ڈائریکٹریٹ بھی قائم کیا گیا۔

جامعہ کراچی میں بیچلر ز اور ماسٹرز پروگرام کے علاوہ ایم ایس، ایم فل اور پی ایچ ڈی میں بھی داخلے دیے جاتے ہیں۔ یہ داخلے آرٹس اور سوشل سائنسز، ایجوکیشن، سائنس، فارمیسی، فارماسیوٹیکل سائنسز، اسلامک اسٹڈیز، انتظامیہ اور انتظامی علوم، انجینئرنگ اور لاء (قانون) کے کلیات (فی کلٹیو) کے مختلف شعبہ جات میں دیے جاتے ہیں۔ جامعہ کراچی ایک ایسا ادارہ ہے جو دیگر تعلیمی اداروں (مثلاً کالجوں) کے الحاق کی منظوری دیتا ہے اور ان کے امتحانات بھی لیتا ہے۔ چنانچہ جامعہ نے ۱۳۸ کالجوں و دیگر تعلیمی اداروں کا الحاق منظور کیا ہے اور ہر سال ان تعلیمی اداروں میں زیر تعلیم تقریباً ڈیڑھ لاکھ طلبہ و طالبات کا جامعہ امتحان لیتی ہے اور انھیں اسناد (ڈگریاں) بھی جاری کرتی ہے۔ جامعہ کراچی کی جاری کردہ تعلیمی اسناد کی فضیلت کو پوری دنیا میں تسلیم کیا جاتا ہے۔ اس امر کا ثبوت اس حقیقت سے بھی ملتا ہے کہ دنیا کے اعلیٰ ترین تعلیمی اداروں کی جو فہرست ہر سال ایک موقر برطانوی ادارہ Times Higher Quacquarelli Symonds جاری کرتا ہے اس میں جامعہ کراچی کا نام مسلسل چار سال سے جگہ پار رہا ہے۔

تعلیم اور تحقیق کے معیار کو مزید بلند کرنے کے لیے جامعہ کراچی نے ایک شعبہ Quality Enhancement Cell قائم کیا جس کا بنیادی مقصد خود تشخیصی نظام کے تحت جامعہ کے ہر شعبے میں تدریس اور تحقیق کے معیار کو مزید بلند کرنا ہے۔

## داخلے

امسال جامعہ کراچی میں داخلے حسب ذیل ڈگری پروگراموں میں دیے جائیں گے:

- بی ایس / بی بی اے (چار سال)

- بی ایس سی / بی اے (آنرز تین سال)

- بی اے / ایل ایل بی (پانچ سال)

- ماسٹرز (دو سال)

- ایم بی اے (ساڑھے تین سال)

- بی ایل آئی ایس (ایک سال)

جامعہ کراچی سے فارغ التحصیل طلبہ میں ڈاکٹر عبدالقدیر خان اور ڈاکٹر عطاء الرحمن جیسے نامور لوگ شامل ہیں۔ یہ امر جامعہ کے لیے باعث فخر ہے کہ اس کے نامور سابق طلبہ و طالبات نے علم اور تحقیق کے میدانوں میں ترقی کے ضمن میں اپنی اعلیٰ خدمات پیش کیں ہیں۔ جامعہ کراچی کا شمار ان تعلیمی اداروں میں ہوتا ہے جو جدید تعلیم اور تحقیق کو خاص اہمیت دیتے ہیں اور اسی لیے جامعہ میں ایسے علوم اور مضامین کی تعلیم و تدریس پر زور دیا جاتا ہے جو طلبہ و طالبات کو مستقبل کی بصیرت دیں اور جدید دنیا کے علمی تقاضوں سے ہم آہنگ ہوں۔ اس سے طلبہ و طالبات کو ملک اور بیرون ملک حصول معاش اور ترقی کے مواقع سے فائدہ اٹھانے کا بھرپور موقع ملتا ہے۔

جامعہ کراچی اپنے متنوع تدریسی اور تحقیقی شعبوں کی وجہ سے جانی جاتی ہے۔ آج کل جامعہ جدید سہولیات اور طریقوں پر مبنی اعلیٰ تعلیم اور معیاری تحقیق حسب ذیل

کلیات میں مہیا کر رہی ہے:

- کلیہ فنون و سماجی علوم (آرٹس اینڈ سوشل سائنسز)

- کلیہ تعلیم (ایجوکیشن)

- کلیہ علوم (سائنس)

- کلیہ علوم معارف اسلامیہ (اسلامک اسٹڈیز)

- کلیہ قانون (لاء)

- کلیہ ادویہ و ادویاتی علوم (فارمیسی اینڈ فارماسیوٹیکل سائنسز)

- شعبہ امور کیمیکل انجنیئرنگ

- کلیہ امور نظم و انتظامی (مینجمنٹ اینڈ ایڈمنسٹریشن سائنسز)

- کلیہ طب (میڈیسن)

- داخلہ پالیسی

جامعہ کراچی میں پیچلز اور ماسٹرز پروگرام میں داخلے تین زمروں کے (K)، ایس (S) اور پی (P) میں دیے جاتے ہیں جیسا کہ اکیڈمک کونسل نے منظوری دی ہے۔ یہ داخلے خالصتاً اہلیت کی بنیاد پر دیے جاتے ہیں تاہم کچھ داخلے ایسی نشستوں پر بھی دیے جاتے ہیں جو خاص زمروں کے درخواست گزاروں کے لیے مخصوص ہیں اور ان زمروں کی تفصیل یہ ہے: صوبہ سندھ کے درخواست گزار (کراچی کے سوا)، بلوچستان، فانا، آزاد جموں و کشمیر اور شمالی علاقہ جات کے درخواست گزار، پاک افواج کے عملے کے بچے، جامعہ کراچی کے وابستگان کے متعلقین (زوج، بیٹا، بیٹی)، بین الاقوامی طلبہ و طالبات، سیلف فائننس کے تحت داخلہ لینے والے درخواست گزار، خصوصی افراد (اسپیشل پرسنز) اور کھلاڑی (اسپورٹس پرسنز)۔ تاہم ان مخصوص نشستوں پر بھی داخلہ صرف اور صرف اہلیت کی بنیاد پر دیے جاتے ہیں۔

وضاحت:

۱۔ فانا، شمالی علاقہ جات اور آزاد جموں و کشمیر کی مخصوص نشستوں پر داخلہ صرف ان اہل درخواست گزاروں کو دیا جاتا ہے جو اہلیت کی تمام شرائط کو بھی پورا کرتے ہوں اور جنہیں امور کشمیر، شمالی علاقہ جات ڈویژن، حکومت پاکستان، اسلام آباد، نے نامزد کیا ہو۔

۲۔ اسی طرح پاک افواج کے عملے کے بچوں کے لیے مخصوص نشستوں پر بھی داخلہ پاکستان کی مسلح افواج کے جنرل ہیڈ کوارٹر کی جانب سے کی گئی نامزدگی پر دیا جاتا ہے۔

۳۔ خصوصی افراد (اسپیشل پرسنز) کی مخصوص نشستوں پر داخلہ صرف میڈیکل امتحان اور اس کی سوشل ویلفیئر ڈپارٹمنٹ حکومت سندھ یا سول سرجن کی تصدیق کے بعد ہی دیا جاتا ہے۔

۴۔ کھلاڑیوں (اسپورٹس پرسنز) کی مخصوص نشستوں پر داخلہ ان شرائط اہلیت اور معیار پر پورا اترنے اور اس کی تصدیق کی صورت میں دیا جاتا ہے جو متعلقہ ادارے/حکام پہلے سے طے کرتے ہیں۔

- اہلیت (میرٹ) کی بنیاد پر داخلے

چونکہ جامعہ کراچی میں داخلے کے امیدواروں کی تعداد دستیاب نشستوں کے مقابلے میں کہیں زیادہ ہوتی ہے لہذا داخلے اہلیت (میرٹ) کی بنیاد پر اور تین زمروں (کیٹگریز) میں دیے جاتے ہیں جن کی تفصیل یہ ہے:

- کے (K) کیٹگری: اس زمرے میں وہ درخواست گزار شامل ہیں جنہوں نے اپنے میٹرک (ایس ایس سی)، انٹر میڈیٹ (ایچ ایس سی) یا پیچلز ڈگری (بی اے، بی کام، بی ایس سی) یا مساوی قابلیت کے امتحانات ان تعلیمی اداروں سے پاس کیے ہوں جو کراچی میں واقع ہوں اور جامعہ کراچی سے تسلیم شدہ بھی ہوں۔

اضافی طور پر پانچ (۵) فی صد نشستیں ان اہل درخواست گزاروں کے لیے مخصوص ہیں جنہوں نے اپنے گریجویٹیشن کے امتحانات ان تعلیمی اداروں سے پاس کیے ہیں جو کراچی کی حدود میں واقع ہیں اور جامعہ کراچی سے منظور شدہ ہیں۔

- ایس (S) کیٹگری: اس زمرے میں وہ درخواست گزار شامل ہیں جنہوں نے اپنے میٹرک، انٹر اور پیچلز ڈگری کے امتحانات میں سے کم از کم ایک امتحان ایسے تسلیم شدہ تعلیمی ادارے سے پاس کیا ہو جو صوبہ سندھ میں واقع ہو (کراچی کے سوا)۔

- پی (P) کیلگری: اس زمرے میں وہ درخواست گزار شامل ہیں جنہوں نے اپنے میٹرک، انٹر اور گریجویشن کے امتحانات میں سے کم از کم ایک امتحان ایسے تسلیم شدہ تعلیمی ادارے سے پاس کیا ہو جو صوبہ سندھ سے باہر واقع ہے لیکن پاکستان میں ہے۔

داخلے ترجیحی بنیادوں پر پہلے کے (K) کیلگری کے امیدواروں کو دیے جاتے ہیں اور اگر کچھ نشستیں بڑھونے سے رہ جائیں یا امیدوار اہلیت پر پورے نہ اترتے ہوں تو ایس (S) کیلگری کے امیدواروں کی درخواستوں پر غور کیا جاتا ہے۔ اگر کچھ نشستیں پھر بھی بچ جائیں تو پی (P) کیلگری کے امیدواروں کی درخواستیں زیر غور لائی جاتی ہیں۔ اکیڈمک کونسل کی ہدایات کے مطابق نوے (۹۰) نشستیں سندھ (سوائے کراچی) سے تعلق رکھنے والے درخواست گزاروں کے لیے مخصوص گئی ہیں (تفصیلات کے لیے ملاحظہ کیجیے: ضمیمہ ایل، صفحہ نمبر ۱۲۵) ایس کیلگری کے علاوہ یہ داخلے صرف ان مضامین میں دیے جائیں گے جو صوبہ سندھ کی پبلک سیکرٹریونیورسٹیوں میں نہیں پڑھائے جاتے۔ تاہم ایسے امیدواروں کے لیے لازم ہے کہ وہ سندھ کا ڈومیسائل (سوائے کراچی کے) رکھتے ہوں اور انہوں نے اپنی تمام تر تعلیم اسی علاقے میں حاصل کی ہو۔ ساٹھ (۶۰) نشستیں بلوچستان کے اہل طلبہ کے لیے مخصوص کی گئی ہیں (تفصیلات کے لیے ملاحظہ کیجیے: ضمیمہ ایل، صفحہ نمبر ۱۲۵) تاہم جن شرائط کا اطلاق سندھ (سوائے کراچی) کے امیدواروں پر ہوگا ان شرائط کا اطلاق یہاں بھی ہوگا۔

ہر شعبے کی مختص نشستوں میں سے اضافی دو (۲) فی صد نشستیں کراچی یونیورسٹی کے ملازمین کے متعلقین (بیٹا، بیٹی، زوج، خصوصی افراد) (اسپیشل پرنسز) اور کھلاڑیوں (اسپورٹس پرنسز) کے لیے مخصوص ہیں۔ اسی طرح سیلف فائننس کے تحت داخلے کے خواہش مندوں کے لیے بھی نشستیں مخصوص ہیں (تفصیلات کے لیے ملاحظہ کیجیے: ضمیمہ ایل، صفحہ نمبر ۱۲۵)۔ اوپن میرٹ کی تین (۳) فی صد نشستیں ان درخواست گزاروں کے لیے مخصوص ہیں جنہوں نے اپنے مطلوبہ معیار کے گزشتہ امتحانات (انٹریابی اے وغیرہ) پانچ سال پہلے پاس کیے تھے۔

جامعہ کے کسی شعبے میں ماسٹرز پروگرام میں داخلے کے ان امیدواروں کے لیے جنہوں نے بی ایس سی (آنرز) یا بی ایس میں دو سالہ (ڈگری کنورژن کے بعد) تعلیم مکمل کر لی ہو پانچ (۵) فی صد اضافی نشستیں مخصوص کی گئی ہیں۔

#### وضاحت:

جن شعبوں میں داخلے کے لیے داخلہ ٹیسٹ (entry test) ہوگا ان شعبوں میں داخلے میرٹ پر لیکن داخلہ ٹیسٹ پاس کرنے کے بعد (جس میں کم از کم پچاس (۵۰) فی صد نمبر لینا ضروری ہے) ہی ملے گا اور اس ضمن میں مخصوص نشستیں یا زمرے (کیلگری) کو اسی وقت زیر غور لایا جائے گا جب امیدوار داخلہ ٹیسٹ مطلوبہ معیار کے مطابق پاس کر لے گا۔ تاہم اس سال کلیہ تعلیم (ایجوکیشن) میں داخلہ ٹیسٹ میں کامیابی کے لیے کم از کم چالیس (۴۰) فی صد نمبر لینا ضروری ہوگا۔ جامعہ میں داخلے کے لیے مذکورہ بالا شرائط معیارات رزمروں کی سختی سے پابندی کی جاتی ہے۔

- زمرے (کیلگری) میں تبدیلی (اوپن میرٹ کی بنیاد پر شعبے میں داخلے کے لیے)

جو امیدوار حسب ذیل شرائط پوری کرتے ہوں وہ ایس (S) اور پی (P) زمروں سے کے (K) زمرے میں تبدیلی کی درخواست دے سکتے ہیں:

۱۔ ایسے امیدوار جن کے والد یا والدہ یا سرپرست کراچی کا ڈومیسائل رکھتے ہیں مگر ان امیدواروں نے اپنا مطلوبہ امتحان (انٹریابی اے وغیرہ) بیرون ملک سے کسی ایسے ادارے کے تحت پاس کیا ہے جو بین الاقوامی طور پر تسلیم شدہ ہے یا وہ ادارہ تسلیم شدہ پاکستانی بورڈ یا یونیورسٹی ہے ان کو اپنے والد یا والدہ یا سرپرست کے ڈومیسائل سرٹیفکیٹ اور قومی شناختی کارڈ کی نقل پیش کرنا ہوگی جس سے یہ ثابت ہو کہ ان کا مستقل قیام کراچی میں ہے۔

۲۔ جن امیدواروں کے والد یا والدہ یا سرپرست وفاقی حکومت، حکومت سندھ، خود مختار یا نیم خود مختار سرکاری اداروں، مسلح افواج میں ملازم ہیں اور ان کی تعیناتی تبادلہ پچھلے تین برسوں میں (پچھلے پروگرام کے لیے) یا پانچ برسوں (ماسٹرز پروگرام کے لیے) کراچی میں ہو گیا ہو انہیں اپنے والد یا والدہ یا سرپرست کا تقرر نامہ، تبادلے تعیناتی کا حکم نامہ اور رجوع بہ کار (جوائننگ) ہونے کے خط کی نقل داخلے کی درخواست کے ساتھ جمع کرانا ہوگی۔ ان امیدواروں کے لیے یہ بھی ضروری ہے کہ انہوں نے والدین یا سرپرست کی کراچی میں تقرری یا تبادلے کے بعد بقیہ تعلیم کراچی ہی میں مکمل کی ہو۔

۳۔ ہر شعبے میں تین (۳) فی صد نشستیں ایسے امیدواروں کے لیے مخصوص ہوں گی جنہوں نے داخلے سے پہلے اپنی مطلوبہ تعلیمی قابلیت کا امتحان کراچی سے باہر واقع کسی تعلیمی ادارے سے پاس کیا ہو مگر ان کی ابتدائی تعلیم بشمول میٹرک انٹر کراچی کے کسی تعلیمی ادارے کی ہو۔ ایسے امیدواروں کے لیے ضروری ہے کہ ان کے ڈومیسائل سرٹیفکیٹ اور قومی شناختی کارڈ پر مستقل پتہ کراچی ہی کا درج ہو۔ اٹھارہ سال سے کم عمر کے امیدواروں کو اپنا بی فارم پیش کرنا ہوگا۔

۴۔ اگر کوئی امیدوار ایس یا پی زمرے میں آتا ہو لیکن اس کی شادی کسی ایسے فرد سے ہوئی ہو جو کراچی کا مستقل رہائشی ہے تو اسے اپنے نکاح نامے کی نقل کے ساتھ اپنے شوہر یا

بیوی کے قومی شناختی کارڈ، جس پر شوہر یا بیوی کا کراچی کا مستقل پتہ درج ہو، کی نقل جمع کرانا ہوگی۔

- زمرے (کنٹگری) میں تبدیلی کی درخواست (اوپن میرٹ کی بنیاد پر شعبے داخلے کے لیے)

ایسے تمام امیدوار جو 'زمرے' میں شامل ہونے کے مذکورہ بالا معیارات میں سے کسی پر پورا اترتے ہوں اپنے داخلہ فارم کے ساتھ سادہ کاغذ پر ایک درخواست زمرے کی تبدیلی کے لیے جمع کرائیں گے جس کے ساتھ متعلقہ کاغذات و دستاویزات جو اوپر مذکور ہیں بھی منسلک ہوں گی۔ داخلے کے وقت امیدوار تمام متعلقہ کاغذ کی اصل لازماً پیش کریں گے اور ان کی نقول جمع کرائیں گے۔

**وضاحت:**

جو امیدوار انٹری ٹیسٹ کی بنیاد پر کسی شعبے میں داخلہ لینا چاہتے ہیں انھیں زمرے کی تبدیلی کی درخواست دینے کی ضرورت نہیں ہے۔

**- سیلف فائنلس کی نشستوں پر داخلہ**

سیلف فائنلس کی بنیاد پر جامعہ بچلرز اور ماسٹرز دونوں پرگراموں میں داخلے کی پیشکش کرتی ہے۔ ایسی نشستوں کی تعداد، بچلرز، ماسٹرز کی نشستوں اور رقم کی ادائیگی کی تفصیلات کے لیے ملاحظہ کیجیے: ضمیمہ ایم، صفحہ نمبر ۱۲۶ تا ۱۲۷۔

**- مخصوص نشستوں پر داخلہ**

مخصوص نشستوں پر داخلے کے امیدواروں کو چاہیے کہ وہ پہلے اس امر کو یقینی بنائیں کہ وہ ان شرائط / اہلیت / قابلیت پر پورا اترتے ہیں جو ایسی نشستوں پر داخلے کے لیے جامعہ اور متعلقہ شعبے نے طے کی ہیں۔ مخصوص نشستوں پر داخلوں کی میرٹ لسٹ ان سفارشات کی بنیاد پر تیار کی جاتی ہے جو یونیورسٹی کے متعلقہ شعبے کی داخلہ کمیٹی نے تیار کی ہوتی ہیں۔ یہاں یہ وضاحت ضروری ہے کہ کئی شعبوں میں امیدواروں کی کثیر تعداد کے پیش نظر شعبہ جاتی کمیٹیوں نے مخصوص نشستوں پر داخلوں کی تعداد محدود کر دی ہے۔ جو امیدوار حافظ قرآن ہیں ان کو داخلے کی اہلیت طے کرتے وقت بیس (۲۰) اضافی نمبر دیے جائیں گے لیکن ان کو کسی تسلیم شدہ ادارے کی جاری کردہ حفظ قرآن کی سند پیش کرنی ہوگی نیز ان کے لیے ضروری ہوگا کہ گزشتہ امتحان / سند میں ان کی تھرڈ ڈویژن (بینتالیس فی صد سے کم نمبر) نہ ہو۔

جو امیدوار مخصوص نشست پر داخلے کی درخواست دینا چاہیں ان کو چاہیے کہ کراچی یونیورسٹی کی مخصوص نشستوں کے فارم پر درخواست دیں۔

جو امیدوار انٹری ٹیسٹ کی بنیاد پر داخلہ دینے والے شعبوں میں داخلہ چاہتے ہیں ان کو داخلہ فارم کے علاوہ انٹری ٹیسٹ کا فارم بھی الگ سے جمع کرانا ہوگا اور ان کا

ٹیسٹ میں حاضر ہونا بھی لازم ہوگا۔

**- اہلیت کی شرائط**

داخلے کے لیے اہلیت کی شرائط، خواہ داخلے کی درخواست میرٹ پر ہو یا مخصوص نشست پر، حسب ذیل ہیں:

کلیہ علوم، کلیہ فنون و سماجی علوم، کلیہ تعلیم، کلیہ علوم معارف اسلامیہ، کلیہ امور نظم و انتظامی، کلیہ ادویہ و ادویاتی علوم، کلیہ انجینئرنگ اور کلیہ قانون میں

داخلے متعلقہ شعبوں کی مطلوبہ اہلیت کی بنیاد پر دیے جائیں گے (گریس نمبر (Grace Marks/Condoned Marks) شمار نہیں کیے جائیں گے)۔

۱۔ جس طالب علم نے مطلوبہ معیار اہلیت کے امتحان میں تھرڈ ڈویژن یعنی بینتالیس (۲۵) فی صد سے کم نمبر حاصل کیے ہوں گے وہ داخلے کے لیے نااہل ہوگا۔

۲۔ بچلرز پروگرام میں داخلے کے متنی حافظ قرآن کسی مستند ادارے کی حفظ قرآن کی سند پیش کریں گے تو انھیں بیس اضافی نمبر اہلیت طے کرتے وقت دیے جائیں گے بشرطیکہ ان کی پچھلے امتحان میں تھرڈ ڈویژن (یعنی ۲۵ فی صد سے کم نمبر) نہ ہو۔

۳۔ پہلے سے ماسٹرز کی سند رکھنے والوں کو دوبارہ از سر نو ماسٹرز میں داخلہ نہیں دیا جائے گا، اسی طرح پہلے سے بچلرز کی سند رکھنے والوں کو دوبارہ از سر نو بچلرز میں داخلہ نہیں دیا جائے گا۔ اگر جامعہ کے علم میں اس اصول کی کسی خلاف ورزی کی اطلاع آئی تو متعلقہ طالب علم کا داخلہ منسوخ کر دیا جائے گا خواہ وہ کسی بھی مرحلے پر ہو اور اس کے خلاف قانونی کارروائی کا آغاز بھی کیا جائے گا۔

۴۔ داخلے کے لیے صرف ایسے طالب علم اہل ہوں گے جنہوں میں مطلوبہ قابلیت کا امتحان پچھلے پانچ برسوں کے اندر اندر پاس کیا ہو۔

۵۔ داخلے کے خواہش مند جو امیدوار پاکستان کے پبلک سیکٹر کے اداروں کی جاری کردہ ڈگری / سرٹیفکیٹ کی بنیاد پر داخلہ لینا چاہتے ہیں انھیں چاہیے کہ وہ پہلے اپنے سرٹیفکیٹ / ڈگری کی تعادل (equivalence) جامعہ کی تعادلی کمیٹی یا آئی بی سی سی سے داخلے کی مقررہ تاریخ سے پہلے پہلے کرائیں۔

۶۔ تمام داخلے عارضی بنیادوں پر دیے جائیں گے اور ان کا دارومدار جمع کرائے گئے کاغذات و دستاویزات کی تصدیق پر ہوگا۔ جعلی کاغذات یا غیر تسلیم شدہ اداروں کی اسناد کی

بنیاد پر یا غلطی سے دیے گئے داخلے کسی بھی وقت منسوخ کیے جاسکتے ہیں۔

## داخلے کا طریقہ کار

۱۔ داخلوں کے آغاز کی تاریخ، فارم کی دستیابی، آن لائن فارم جمع کرانے کے عمل اور دیگر تفصیلات کا اعلان کراچی یونیورسٹی کی ویب گاہ [www.uok.edu.pk](http://www.uok.edu.pk) پر اور اخبارات میں اشتہارات کے ذریعے ہوگا۔

۲۔ درخواست فارم مع تمام ہدایات عملی رہنمائی جامعہ کراچی کی ویب گاہ [www.uok.edu.pk](http://www.uok.edu.pk) پر دستیاب ہوں گے۔ امیدواروں کو چاہیے کہ ہدایات کا غور سے مطالعہ کریں۔ امیدوار کی جانب سے کسی غلطی کے ارتکاب کی صورت میں یونیورسٹی کو کسی طور ذمہ دار نہیں ٹھہرایا جاسکے گا۔

۳۔ امیدواروں کو ہدایت کی جاتی ہے کہ وہ صرف اور صرف ان شعبوں کا انتخاب کریں جن کے مطلوبہ معیار قابلیت / اہلیت پر وہ پورا کرتے ہیں اور جن کی تفصیلات ضمیمہ اے اور بی (برائے بچلرز پروگرام) اور ضمیمہ ای اور ایف (برائے ماسٹرز پروگرام) میں درج ہیں۔ داخلہ فارم میں زیادہ سے زیادہ پانچ شعبوں کے نام جہاں داخلہ مقصود ہے ترجیحی ترتیب کے ساتھ لکھے جاسکتے ہیں۔ شعبوں کے نام بہت احتیاط سے لکھے جانے چاہئیں کیونکہ ایک بار جب فارم جمع ہو جائے تو شعبوں کے ناموں میں تبدیلی ممکن نہیں ہوتی۔

۴۔ بچلرز اور ماسٹرز پروگرام میں جن فی صد نمبروں پر داخلہ بند ہوتا ہے وہ ضمیمہ بیچ اور آئی میں (برائے اوپن میرٹ) اور ضمیمہ جے (برائے انٹری ٹیسٹ کی بنیاد پر داخلہ) میں درج ہیں۔ یہ فی صد نمبر محض رہنمائی کی غرض سے دیے گئے ہیں۔

۵۔ ایک امیدوار اوپن میرٹ اور انٹری ٹیسٹ کی بنیاد پر الگ الگ داخلہ فارم پر درخواست دے سکتا ہے لیکن کسی امیدوار کو ایک کیٹگری میں ایک سے زیادہ فارم جمع کرانے کی اجازت نہیں ہے۔ اگر کوئی امیدوار اس کی خلاف ورزی کا مرتکب پایا گیا تو اس کے تمام فارم مسترد کر دیے جائیں گے۔

۶۔ کامیاب امیدواروں کے داخلوں کی عارضی میرٹ فہرست جامعہ کراچی کی ویب گاہ پر ان تاریخوں میں آویزاں کی جائے گی جن کی اطلاع دی جا چکی ہے۔

۷۔ جامعہ کے ملازمین جو اپنی مخصوص نشستوں پر داخلے کے خواہاں ہیں انھیں چاہیے کہ اپنی ملازمت سے متعلق تفصیلات اپنے متعلقہ شعبے کے سربراہ سے تصدیق کے بعد جمع کرائیں۔

۸۔ خصوصی افراد جو اپنی مخصوص نشستوں پر داخلے کے خواہاں ہیں انھیں چاہیے کہ وہ سوشل ویلفیئر ڈیپارٹمنٹ حکومت سندھ / رسول سرجن کا تصدیق نامہ جمع کرائیں۔

۹۔ اسپورٹس کی نشستوں پر داخلے کے خواہش مند اپنے تصدیق نامے اور دیگر سرٹیفکیٹ جمع کرائیں۔ ہر شعبے میں دو (۲) فی صد نشستیں اسپورٹس کی بنیاد پر مختص ہیں۔ ان نشستوں پر وہی افراد درخواست دینے کے اہل ہیں جو حسب ذیل اداروں کے رکن ہیں یا حسب ذیل مقابلوں میں حصہ لے چکے ہیں:

۔ پاکستان جوئر / سینیئر ٹیم

۔ نیشنل چیمپین شپ کے فاتح اور دوم آنے والے

۔ پاکستان یونیورسٹی / بورڈ ٹیم

۔ بین الصوبائی چیمپین شپ کے فاتح / دوم آنے والے

۔ بین الجامعاتی یا بورڈوں کے مقابلوں کے فاتح / دوم آنے والے

۱۰۔ داخلہ کمیٹی مخصوص نشستوں پر ہونے والے داخلوں کی الگ فہرست مرتب کرے گی۔

## داخلے کی فہرست میں شامل امیدواروں کے لیے ہدایات

جن امیدواروں کے نام کامیاب امیدواروں کی فہرست میں شامل ہوں انھیں چاہیے کہ داخلے سے متعلق تمام کارروائی مقررہ وقت کے اندر مکمل کر لیں۔ بصورت دیگر ان کا داخلے کا استحقاق ختم ہو جائے گا اور اس ضمن میں کوئی دعویٰ یا عذر مسموع نہ ہوگا۔

داخلے کی کارروائی کی تکمیل کے لیے مندرجہ ذیل کاغذات / دستاویزات جمع کرنا لازمی ہے:

۱۔ آن لائن جمع کرائی گئی درخواست کا پرنٹ آؤٹ جو مکمل طور پر پُر کیا ہوا ہو۔

۲۔ پچھلے امتحان کی اصل (اور بچل) مارکس شیٹ (بچلرز میں داخلے کے لیے انٹرا اور ماسٹرز میں داخلے کے لیے بچلرز یا ان کے مساوی) (نا قابل واپسی)

۳۔ پچھلے تعلیمی ادارے کے سربراہ کا اصل (اور بچل) صداقت نامہ / کردار، بیرونی امیدوار کسی فرسٹ کلاس گزیٹڈ افسر کا صداقت نامہ / کردار جمع کرائیں گے (نا قابل واپسی)

۴۔ اصل قومی شناختی کارڈ اور اس کی مصدقہ نقل۔ اٹھارہ سال سے کم عمر کے امیدوار اپنے والد یا والدہ یا سرپرست کے شناختی کارڈ کی نقل جمع کرائیں (اصل کارڈ تصدیق کے بعد

واپس کر دیا جائے گا۔

۵۔ میٹرک، انٹر، اے/اولیول کے اصل سرٹیفکیٹ اور ان کی مصدقہ نقول (اصل دستاویزات تصدیق کے بعد واپس کر دی جائیں گی)۔

۶۔ تین تازہ رنگین تصاویر (ایک انچ ضرب ڈیڑھ انچ)، تصویر کا پلس منظر سفید ہونا چاہیے۔

۷۔ مقررہ فیس کی ادائیگی، ضمیمہ 'کے' کے مطابق۔

۸۔ سو (۱۰۰) روپے کے اسٹمپ پیپر پر حلفیہ بیان کی دستخط شدہ نقل (نمونہ منسلک ہے دیکھیے صفحہ نمبر ۱۲۸)

۔ انرولمنٹ

مذکورہ بالا ہدایات پر عمل کے بعد امیدواروں کو چاہیے کہ انرولمنٹ فارم ضرور پُر کریں کیونکہ جامعہ کے قوانین کے مطابق جب تک طالب علم انرولمنٹ فارم پُر کر کے انرولمنٹ کارڈ نہ حاصل کر لے تب تک اس کا داخلہ نامکمل رہتا ہے۔ داخلہ فارم جمع کرانے کی رسید دکھا کر انرولمنٹ فارم حاصل کیا جاسکتا ہے۔

جو امیدوار اپنا گزشتہ امتحان بیرون کراچی کے کسی بورڈ، کالج یا یونیورسٹی سے پاس کر کے آئے ہیں ان کے لیے وہاں سے مانگیریشن سرٹیفکیٹ حاصل کر کے جمع کرانا ضروری ہے، اس کے بغیر انرولمنٹ کی کارروائی مکمل نہیں ہوتی۔

یہاں یہ وضاحت کر دی جائے کہ تمام داخلے عارضی ہوتے ہیں اور ان کی تکمیل کا دارومدار جمع کرائی گئی دستاویزات کی تصدیق پر ہوتا ہے۔ اگر کوئی طالب علم جعلی دستاویزات یا غلط معلومات کی بنیاد پر داخلہ حاصل کرتا ہے تو اس کا داخلہ کسی بھی وقت منسوخ ہو جائے گا اور جمع کرائی گئی فیس کی رقم بھی واپس نہیں کی جائے گی۔ نیز ایسے طالب علم کے خلاف تعزیری اقدامات بھی کیے جاسکتے ہیں جن میں ملک کے کسی بھی تعلیمی ادارے میں تین سال تک ان کے داخلے پر پابندی بھی شامل ہے۔ طالب علموں کو چاہیے کہ وہ جامعہ کے متعلقہ شعبوں کے مطلوبہ معیار اور شرائطِ اہلیت کی پابندی کریں جو یونیورسٹی کی داخلہ پالیسی کے بھی مطابق ہیں اور جن کا ذکر اس کتابچے کے ضمیمہ 'اے'۔ ایف' میں کیا گیا ہے۔

شام کے پروگرام کی داخلہ پالیسی کا الگ سے اعلان کیا جائے گا۔ اس ضمن میں اطلاعات ضمیمہ 'جی' میں، ویب گاہ پر اور علیحدہ کتابچے میں موجود ہیں۔

اس کتابچے میں بیان کی گئی ہدایات کے علاوہ تمام امیدواروں رطالب علموں کو ان تمام قواعد و ضوابط کی بھی پابندی کرنی ہوتی ہے جو یونیورسٹی کے قواعد و قوانین کے کتابچے یعنی کوڈ (code) میں درج ہیں۔ اسی طرح سمسٹر کے قواعد و ضوابط کا اطلاق بھی تمام طالب علموں پر ہوتا ہے۔ سمسٹر کے اہم قواعد و ضوابط ضمیمہ 'سی' اور ڈی' میں دیے گئے ہیں۔

۔ جامعہ کے ڈگری پروگرام اور کورسز

جامعہ میں مختلف ڈگری پروگراموں (مثلاً بی اے (آنرز)، بی اے، بی بی اے، بی ای، بی اے ایل ایل بی، بی آئی ایل ایس، بی ایس سی (آنرز)، بی ایس، ایم اے، ایم بی اے، ایم کام، ایل ایل ایم، ایم ایل آئی ایس، ایم پی اے، ایم ایس سی، فارم ڈی، ایم فل، پی ایچ ڈی) کے علاوہ سرٹیفکیٹ اور ڈپلوما کورسز بھی پڑھائے جاتے ہیں۔

۔ ڈگری پروگراموں کا دورانیہ

مختلف ڈگری پروگراموں کا دورانیہ حسب ذیل ہے:

۔ ایم اے، ایم ایس سی اور ایم پی اے کے لیے ایک سال (آنرز مکمل کرنے کے بعد)

۔ بی آئی ایل ایس کے لیے ایک سال (گریجویٹیشن مکمل کرنے کے بعد)

۔ ایم آئی ایل ایس کے لیے ایک سال (بی ایل آئی ایس مکمل کرنے کے بعد)

۔ ایم اے، ایم ایس سی، ایم پی اے، ایل ایل ایم کے لیے دو سال

۔ بی اے/بی ایس سی (آنرز)، ایل ایل بی کے لیے تین سال

۔ ایم بی اے کے لیے ساڑھے تین سال

۔ بی ایس، بی بی اے، بی ای، ویڈول اسٹڈیز (انڈسٹریل ڈیزائن، ٹیکسٹائل ڈیزائن، اینڈ میڈیا آرٹس (میڈیا) رڈیزائن، اینڈ میڈیا آرٹس (گرافکس) رسرکس اینڈ گلاس رفائن

آرٹس/اسلامک آرٹس/آرٹ ہسٹری) کے لیے چار سال

۔ ڈاکٹر آف فارمیسی، بی ای ایل ایل بی، ویڈول اسٹڈیز (آرکیٹیکچر) کے لیے پانچ سال

## تدریس کا جدول

جامعہ میں ہر تعلیمی سال میں دو میقات (سمسٹر) ہوتے ہیں (تفصیلات کے لیے تدریسی کیلنڈر دیکھیے)۔

جو طالب علم فنون و سماجی علوم، ایجوکیشن، اسلامک اسٹڈیز یا سائنس کے کلیات میں تین سالہ ڈگری پروگرام میں داخلہ لیتا ہے اسے تین سال یعنی چھ سمسٹرز میں مجموعی طور پر (۸۴) کریڈٹ آور کے کورس پڑھنے ہوتے ہیں۔ ان میں سے چوبیس (۲۴) کریڈٹ آور کے کورس پہلے سال میں، تیس (۳۰) کریڈٹ آور کے کورس دوسرے سال میں اور تیس کریڈٹ آور کے کورس تیسرے سال میں پڑھنے ہوتے ہیں۔

جو طالب علم آنرز کا تین سالہ ڈگری کورس کامیابی سے مکمل کر لے اسے ماسٹرز کی ڈگری مزید تیس (۳۰) کریڈٹ آور کی تعلیم کامیابی سے مکمل کرنے پر دی جاتی ہے (یعنی ایک سال کے دو سمسٹرز میں پندرہ پندرہ کریڈٹ آور پر مشتمل مزید کورس پڑھنے کے بعد)۔

جو طالب علم ماسٹرز کے سال اول (پریولس) میں داخلہ لیتا ہے اسے دو تعلیمی سالوں میں ساٹھ (۶۰) کریڈٹ آور کے کورس پڑھنے ہوتے ہیں (یعنی دو سال کے چار سمسٹرز میں سے ہر سمسٹر میں پندرہ پندرہ گھنٹوں کے کورس)۔

کلیہ فارمیسی اور فارماسیوٹیکل سائنسز میں داخلہ لینے والے طالب علم پانچ برسوں میں دو سو (۲۰۰) کریڈٹ آور کے کورس پڑھیں گے۔

## حاضری کے قانونی تقاضے

اگر کسی طالب علم کی حاضری کسی بھی کورس میں پچھتر (۷۵) فی صد سے کم ہو تو اسے اس کورس کے امتحان میں بیٹھنے کی اجازت نہیں دی جاتی (مزید تفصیلات کے لیے سمسٹر امتحانی قواعد کا کتابچہ ملاحظہ فرمائیے جو یونیورسٹی بک شاپ پر دستیاب ہے)۔

## اگلے درجوں میں ترقی / داخلے کی مطلوبہ اہلیت

ترقی پا کر اگلے درجوں میں داخلے کے لیے ضروری ہے کہ طالب علم ہر تعلیمی سال کے اسی (۸۰) فی صد پرچوں میں کامیاب ہو۔ لیکن آنرز میں زیر تعلیم طالب علم اس وقت تک ماسٹرز میں داخلے کا اہل نہیں ہوتا جب تک وہ آنرز کی ڈگری کے حصول کے تمام تقاضے پورے نہیں کر لیتا۔

## تعلیمی سہولیات

جامعہ اپنی تحقیقی و تدریسی سہولیات، کتب خانوں، تجربہ گاہوں، تحقیقی مراکز اور متنوع سرگرمیوں کی وجہ سے دنیا بھر میں معروف ہے۔ جامعہ کا بنیادی مقصد طلبہ و طالبات کو ایسی عمدہ سہولیات مہیا کرنا ہے جو عالمی تعلیمی معیار کے مطابق ہوں۔

## دفتر مشیر امور طلبہ

مشیر امور طلبہ کے فرائض میں نظم و ضبط قائم رکھنا بھی شامل ہے۔ اس کے علاوہ یہ دفتر طلبہ کو تعلیمی و درسی امور میں معاونت فراہم کرتا ہے نیز ان کے مستقبل کی پیشہ ورانہ زندگی کے لیے رہنمائی میں مدد دیتا ہے تاکہ مستقبل میں روزگار کے جو امکانات طلبہ کے لیے پیدا ہوتے ہیں ان کا بغور جائزہ لے کر انھیں مناسب پیشوں اور میدانوں میں بھیجا جاسکے۔ اس کے علاوہ ہر شعبے میں ایک مشیر امور طلبہ ہوتا ہے جو نصابی اور غیر نصابی سرگرمیوں میں رابطہ کار کا کام انجام دیتا ہے، بالخصوص ہفتہ طلبہ منانا جو ہر سال منایا جاتا ہے۔

## دفتر امور بین الاقوامی طلبہ

غیر ملکی طلبہ کا داخلہ جامعہ میں دوزمروں میں ہوتا ہے، ایک سیلف فنانس کے تحت اور دوسرے پاکستان ٹیکنیکل اسٹنٹس پروگرام (PTAP) کے تحت۔ اس زمرے کے تحت آنے والے اہل غیر ملکی طلبہ کی فیس میں کمی کردی جاتی ہے (سائنس، آرٹس اور دیگر کلیات کے طلبہ کی فیس کی نوعیت مختلف ہے)۔ پی ٹی اے پی کے تحت ہونے والے داخلے بیرون ملک پاکستانی سفارت خانوں کے توسط سے بذریعہ اشتہارات ہوتے ہیں۔ دفتر امور بین الاقوامی طلبہ مشیر اور ان کے دفتر کا عملہ غیر ملکی طلبہ کی مختلف امور مثلاً صحت، رہائش، ویزا، زبان، ڈگری وغیرہ کے سلسلے میں مدد و رہنمائی کے لیے ہمہ وقت تیار ہوتا ہے۔

وضاحت:

غیر ملکی طلبہ کی گریجویشن تک ان کی انگریزی زبان کی استعداد میں اضافے نیز ان کی ابتدائی اردو تعلیم میں جامعہ مدد کرتی ہے۔ فیس، داخلے کے طریق کار اور زبانوں کے کورسز کے ضمن میں معلومات کے لیے دفتر مشیر غیر ملکی طلبہ سے رابطہ کیا جاسکتا ہے (foreignstudents@uok.edu.pk)



## ۔ دفتر رہنمائی و مشاورت و تقرری طلبہ

اس دفتر کی ذمہ داریاں یہ ہیں:

رہنمائی و مشاورت:

پیشہ ورانہ زندگی میں مہارت کے لیے طلبہ کو تیار کرنا اس دفتر کا مقصدِ اولیٰ ہے۔ طلبہ جس شعبے میں تعلیم حاصل کرتے ہیں اس شعبے میں عملی زندگی میں ملازمت اور روزگار کے مواقع کے ضمن میں معلومات فراہم کرنا بھی اس کا کام ہے تاکہ فارغ التحصیل ہونے کے بعد طلبہ عملی زندگی میں قدم رکھیں تو سماجی، اخلاقی، نفسیاتی مسائل کا سامنا کرنے کے لیے تیار ہوں۔ اس ضمن میں مختلف کورسز بھی کرائے جاتے ہیں۔

تقرری:

حصولِ علم کے بعد طلبہ کی مختلف صنعتوں اور تجارتی اداروں یا دفاتر میں تعیناتی و تقرر کے سلسلے میں بھی یہ دفتر سرگرم عمل رہتا ہے۔ فارغ التحصیل طلبہ کے کوائف تیار کر کے مختلف اداروں سے رابطہ کرنا بھی اس کا کام ہے اور اس ضمن میں ملازمت میلے بھی منعقد کرائے جاتے ہیں۔

## ۔ انضباطی کمیٹی

انضباطی کمیٹی یونیورسٹی کے ضوابط و قوانین (کوڈ) کے مطابق تشکیل دی گئی ہے۔ طلبہ میں نظم و ضبط (ڈسپلن) کو یقینی بنانے کے لیے اس کمیٹی کو اختیار ہے کہ اگر وہ کسی طالب علم کو سیاسی سرگرمیوں میں حصہ لیتا دیکھے یا اسے غیر اخلاقی یا غیر قانونی سرگرمیوں میں ملوث پائے یا یونیورسٹی کے کوڈ کی خلاف ورزی میں ملوث پائے تو اس کے خلاف حسب ذیل انضباطی کارروائی کر سکتی ہے:

۔ داخلے کی منسوخی

۔ جرمانے کی سزا

۔ سزائی تجویز

۔ متعلقہ سرکاری حکام براداروں تک اطلاع پہنچانا

## ۔ دفتر برائے مالی معاونت طلبہ

جامعہ کے اپنے مالی مسائل کے باوجود جامعہ کی یہ کوشش ہوتی ہے کہ طلبہ کو فیس میں رعایت دی جائے یا انھیں وظائف دیے جائیں۔ اس سلسلے میں یہ دفتر انتظامی عمارات کے گراؤنڈ فلور پر کمرہ نمبر ۲ میں قائم ہے۔ یہ دفتر صبح کے پروگرام میں باقاعدہ (ریگولر) زیر تعلیم طلبہ کی حسب ذیل طریقوں پر مالی معاونت کرتا ہے:

۔ جامعہ کے اپنے وسائل سے اہل طالب علموں کی مالی مدد، جس کی ایک صورت فیس میں رعایت ہے۔

۔ ہائر ایجوکیشن کمیشن (اسلام آباد) کے توسط سے اہل طالب علموں کے لیے ماہانہ مالی وظائف کی تقسیم۔

۔ یو ایس ایڈ کے تحت آرٹس اینڈ سوشل سائنسز کے انڈرگریجویٹ، گریجویٹ اور پوسٹ گریجویٹ طالب علموں کے لیے فیلوشپ۔

۔ ذہین طلبہ کے لیے غیر ملکی اداروں، کمپنیوں اور ٹرسٹ کے وظائف، متوشی کارپوریشن انٹرنیشنل اسکالرشپ، جاپان۔

۔ POSCOT J Park فاؤنڈیشن کوریا کی فیلوشپ۔

۔ مختلف اداروں کے میرٹ اور ضرورت پر مبنی امدادی پروگرام، مثلاً المنائی ٹرسٹ، فلائٹر اپسٹس، کراچی یونیورسٹی المنائی ٹرسٹ، جے اے ٹی کیو فاؤنڈیشن

انگلینڈ اسکالرشپ، سیدہ مبارک بیگم اسکالرشپ، بسم اللہ بی بی اسکالرشپ، الرحمن ویلفیئر ٹرسٹ اسکالرشپ۔

۔ صبح اور شام کے پروگراموں میں زیر تعلیم طلبہ کے لیے احسن ٹرسٹ کی بلاسودی قرض حسن اسکیم۔

## ۔ کتب خانہ

جامعہ کے مرکزی کتب خانے کی عمارت ۱۹۶۲ء میں تعمیر ہوئی اور انتظامی عمارات کے عقب میں واقع ہے۔ جامعہ کے ایک سابق وائس چانسلر کی خدمات کے اعتراف میں ۱۹۷۶ء میں اس کا نام ڈاکٹر محمود حسین لائبریری رکھا گیا۔ اس چھ منزلہ عمارت میں ایک بہت وسیع و عریض تہ خانہ بھی ہے اور یہ ملک کی چند بڑی لائبریریوں میں شمار ہوتی ہے۔ اس میں موجود کتب، رسائل، اخبارات، کتابچوں وغیرہ کی مجموعی تعداد چار لاکھ چالیس ہزار ہے اور اس میں بعض ایسے نادر نسخے اور دستاویزات بھی محفوظ ہیں جو سترھویں صدی عیسوی کے ہیں۔ لائبریری کو یہ فخر بھی حاصل ہے کہ بانی پاکستان قائد اعظم محمد علی جناح کا ذاتی ذخیرہ کتب بھی یہیں موجود و محفوظ ہے۔

اس کے علاوہ جامعہ کے ہر شعبے اور ہر انسٹی ٹیوٹ کا اپنا کتب خانہ ہے جس میں بیشتر کتابیں اس مخصوص مضمون اور شعبے سے متعلق ہوتی ہیں۔

### - ایل ای جے ڈیجٹل لائبریری

جدید ترین ٹیکنالوجی سے آراستہ یہ لائبریری ای بکس اور ای جرنلز تک رسائی دیتی ہے۔

### - بک بینک

مرکزی کتب خانے کا یہ شعبہ طلبہ کو ایک سال کے لیے کتابیں جاری کرتا ہے۔ کتابیں جاری کرانے کے لیے طلبہ کو پہلے جامعہ کا شناختی کارڈ بنوانا ہوتا ہے۔ تعلیمی سال کے اختتام پر طلبہ کو کتابیں لوٹانا ہوتی ہیں۔

### - یونیورسٹی بک شاپ

کتابوں کی یہ دکان مرکزی کتب خانے کی پشت پر واقع ہے۔ یہاں سے طلبہ کو کتابیں، نوٹ بکس اور اسٹیشنری کا دیگر سامان باکفایت نرخوں پر خرید سکتے ہیں۔

### - مرکزی سائنسی تجربہ گاہ

یہ جدید ترین آلات اور مشینوں سے آراستہ مرکزی سائنسی تجربہ گاہ ہے۔ اس کا مقصد سائنس کے مختلف شعبوں میں جدید تحقیق کے لیے آسانیاں بہم پہنچانا ہے۔

### - طعام گاہیں

جامعہ میں دو بڑی طعام گاہیں ہیں، ایک لڑکوں کے لیے اور دوسری لڑکیوں کے لیے۔ یہاں مختلف شعبوں کے طلبہ تبادلہ خیال کے لیے بھی جمع ہوتے ہیں۔ اس کے علاوہ جامعہ میں کئی چھوٹی بڑی کینٹینیں اور کھانے پینے کی اشیاء کے اسٹال ہیں جہاں سے کھانا اور مشروبات مناسب قیمتوں پر دستیاب ہیں۔

### - رہائش

لڑکوں کا رہائشی ہاسٹل صرف غیر ملکی طلبہ کے لیے ہے۔ غیر ملکی طالبات کے لیے ایک الگ ہاسٹل ہے۔ پاکستانی طالبات جو ملک کے دوسرے شہروں سے آکر جامعہ میں داخلہ لیتی ہیں ان کے لیے گنجائش محدود ہے اور انھیں رہائش پہلے آئے پہلے پائے کی بنیاد پر فراہم کی جاتی ہے۔ مزید معلومات ہاسٹل کے پروسسٹ سے حاصل کی جاسکتی ہیں۔ ایم فل اور پی ایچ ڈی کے طلبہ کے لیے ایک الگ قیام گاہ کی منصوبہ بندی کی جا رہی ہے۔

### - ٹرانسپورٹ

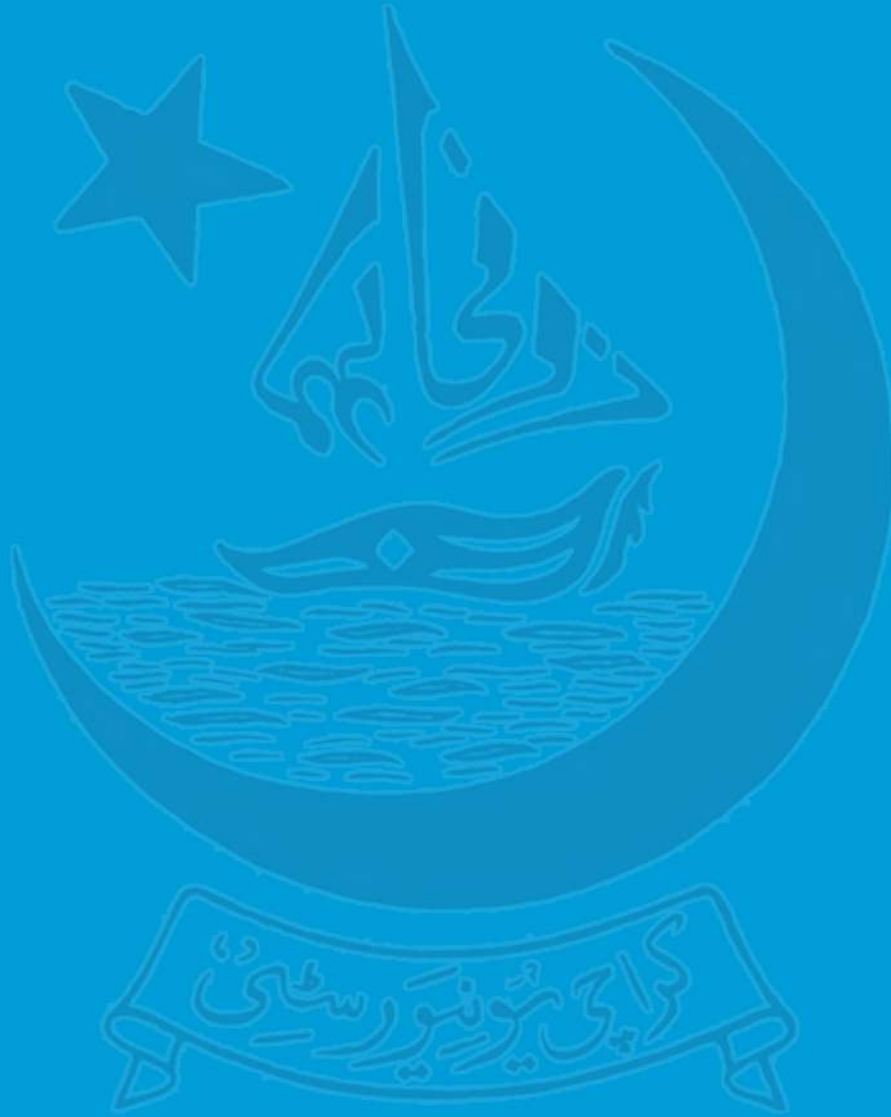
شہر کے مختلف علاقوں سے مقررہ مقامات اور مقررہ اوقات میں طلبہ و طالبات کو لانے اور لے جانے کا کام یونیورسٹی بسیں انجام دیتی ہیں لیکن یہ سہولت محدود ہے۔ بسوں کی آمد و رفت کے جدول کا اعلان ہر سمسٹر کے آغاز پر ہوتا ہے اور اس کی تفصیل ویب گاہ پر بھی موجود ہے۔

### - کھیل

جامعہ بین الجامعاتی، بین الصوبائی، قومی اور بین الاقوامی سطح پر کھیلوں کی سرگرمیوں میں حصہ لیتی ہے۔ ہاکی، کرکٹ اور فٹبال کے اپنے میدانوں کے علاوہ ایک وسیع و عریض ورزش گاہ (جمنازیم) میں مختلف اندرون خانہ کھیلوں مثلاً بیڈمنٹن، وولی بال، ٹیبل ٹینس، باسکٹ بال وغیرہ کی سہولت مہیا کی جاتی ہے۔

### - صحت کی سہولیات

جامعہ کا اپنا ایک کلینک ہے جس میں پانچ میڈیکل افسر اور تربیت یافتہ عملہ موجود رہتا ہے۔ کسی ہنگامی صورت حال میں ابتدائی طبی امداد مہیا کی جاتی ہے۔



**UNIVERSITY OF KARACHI**

**ADMISSION OF PROSPECTUS**

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